

# The High Speed Rail (London – West Midlands) (Greatmoor Railway Sidings Etc.) Order

Draft Order and associated documents

Planning Direction drawings

Transport and Works Act 1992  
High Speed Rail (London – West Midlands) (Greatmoor Railway Sidings Etc.) Order  
Planning Direction Drawings

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# Transport and Works Act 1992 The High Speed Rail (London – West Midlands) (Greatmoor Railway Sidings Etc.) Order



**Legend**

- Application boundary
- County boundary
- District/Borough boundary
- Existing railway station
- Existing rail line
- Airport
- Woodland
- Water body
- Watercourse

Map Name  
**Site Location Plan  
 Planning Direction Drawing  
 Sheet 1 of 21**

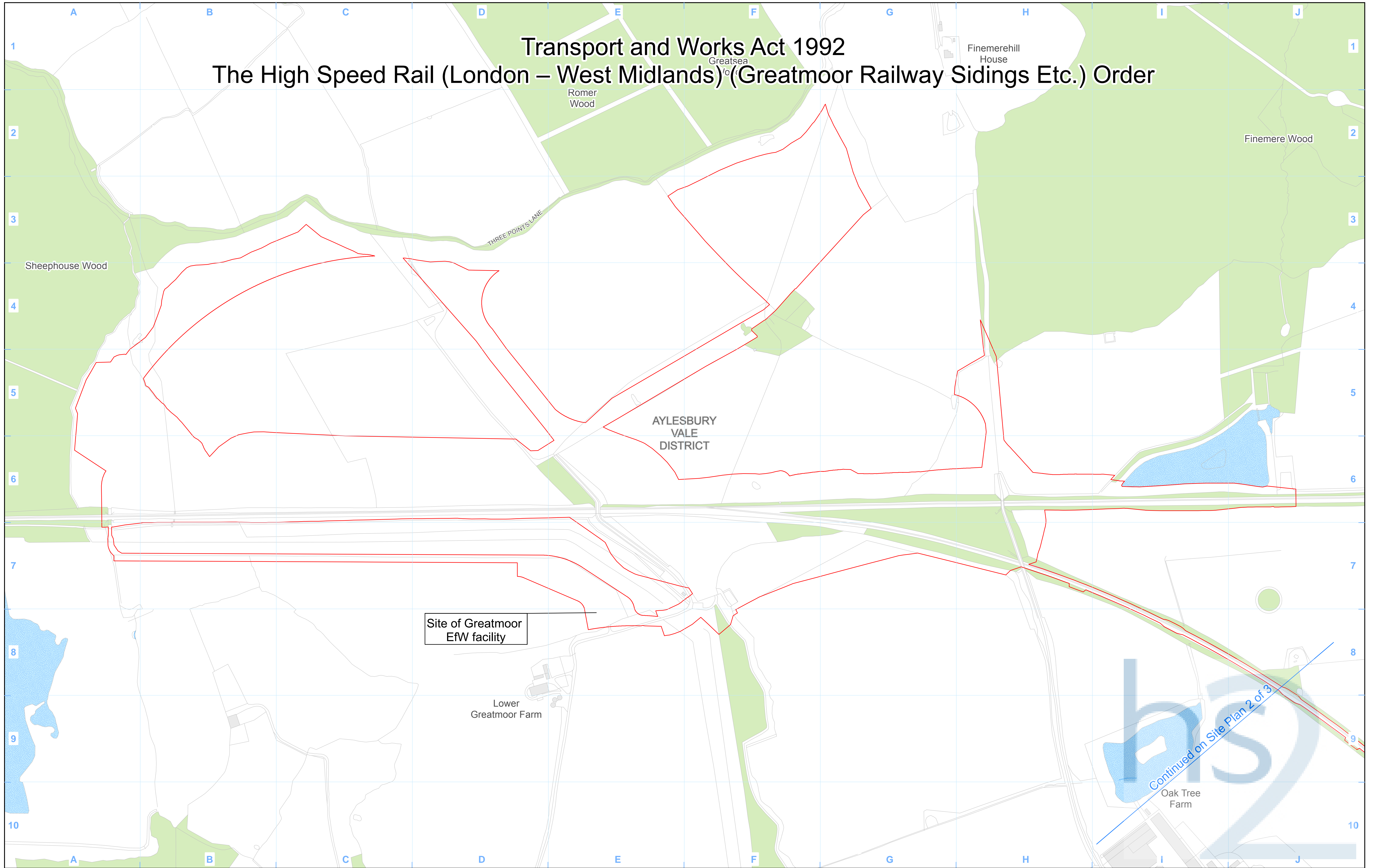
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Scale at A3: 1:25,000

# Transport and Works Act 1992 The High Speed Rail (London – West Midlands) (Greatmoor Railway Sidings Etc.) Order



- Legend**
- Application boundary
  - County boundary
  - District/Borough boundary
  - Woodland
  - Water body
  - Watercourse

Map Name  
**Site Plan 1 of 3  
Planning Direction Drawing  
Sheet 2 of 21**

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**Date:** 21/07/16

# Transport and Works Act 1992 The High Speed Rail (London – West Midlands) (Greatmoor Railway Sidings Etc.) Order



- Legend**
- Application boundary
  - County boundary
  - District/Borough boundary
  - Woodland
  - Water body
  - Watercourse

Map Name  
**Site Plan 2 of 3  
Planning Direction Drawing  
Sheet 3 of 21**



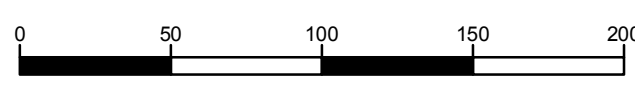
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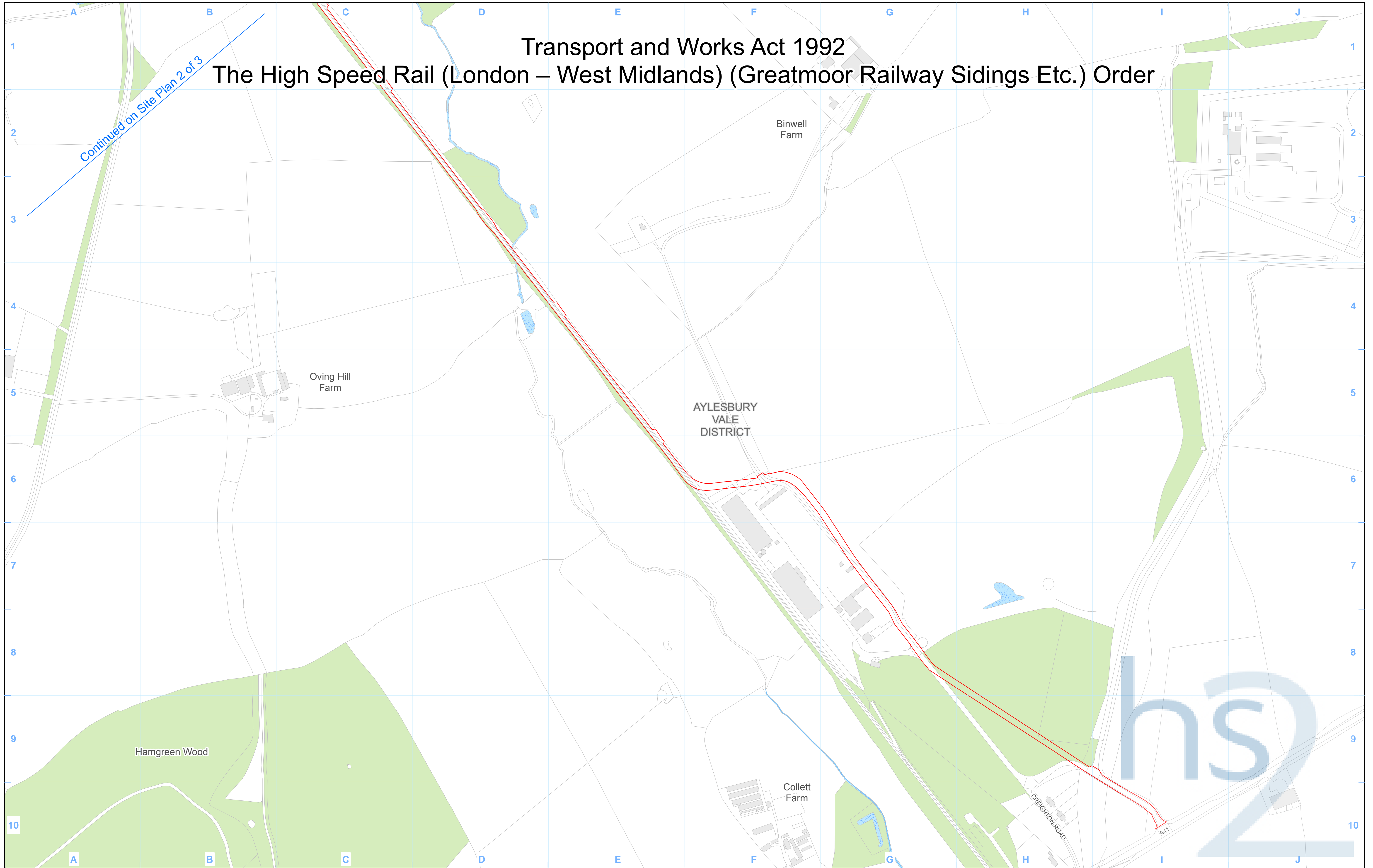


Metres



**Date:** 21/07/16

# Transport and Works Act 1992 The High Speed Rail (London – West Midlands) (Greatmoor Railway Sidings Etc.) Order



- Legend**
- Application boundary
  - County boundary
  - District/Borough boundary
  - Woodland
  - Water body
  - Watercourse

Map Name  
**Site Plan 3 of 3  
Planning Direction Drawing  
Sheet 4 of 21**

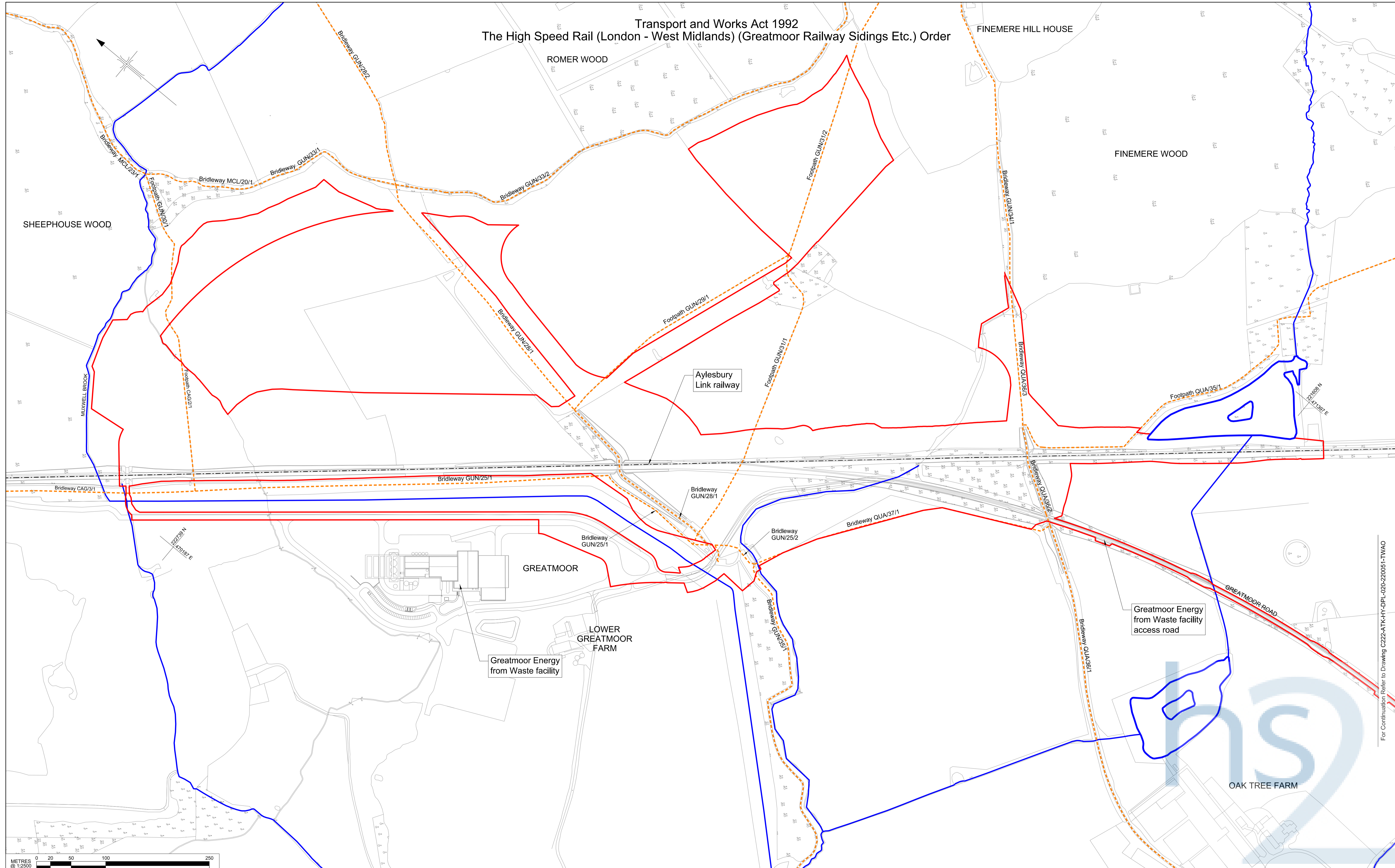
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- Legends/Notes:
- Watercourse
  - - - Existing Public Right of Way
  - Planning Application Boundary



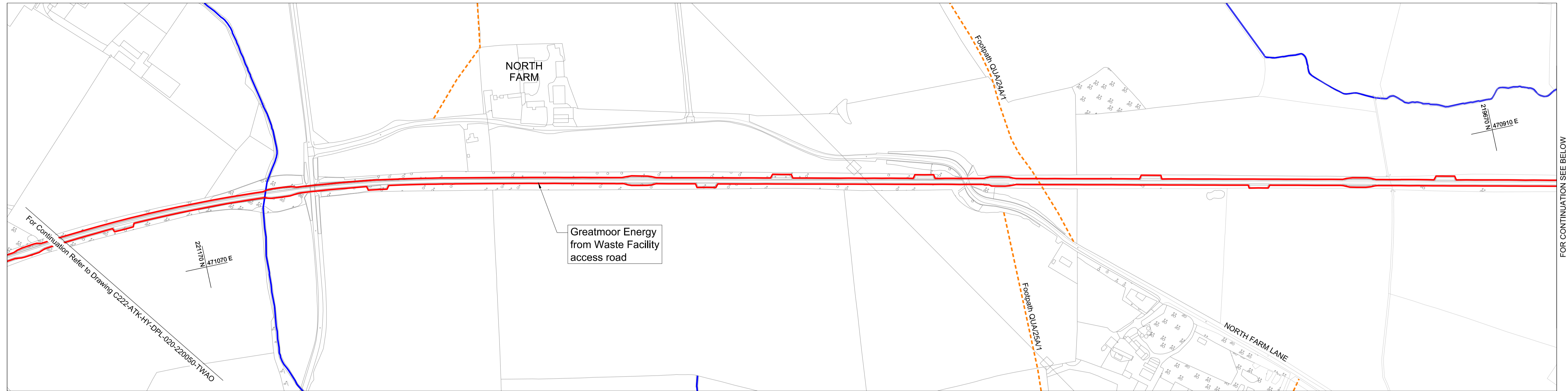
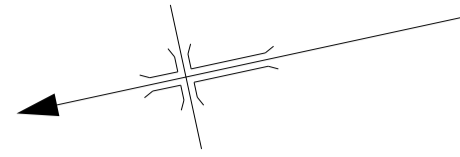
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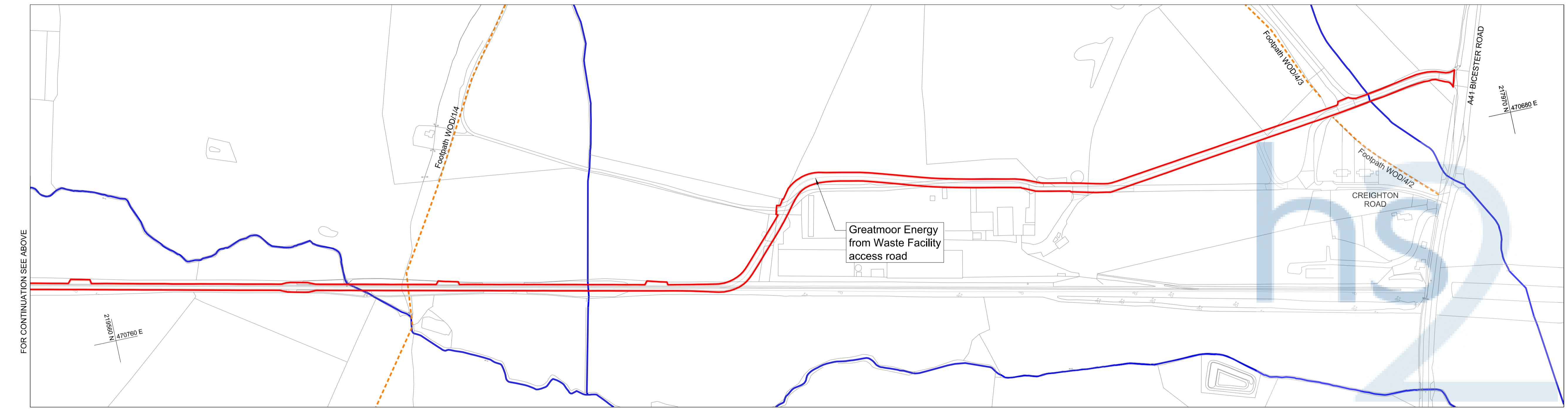
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Design Stage	Discipline/Function		
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Existing Plan (Sheet 1 of 2) Planning Direction Drawing (Sheet 5 of 21)	HMG	MB	RP
	Date	Scale	Size
	17/06/2016	1:2500	A1
Drawing No.	Rev.		
C222-ATK-HY-DPL-020-220050-TWAO	P01		

For Continuation Refer to Drawing C222-ATK-HY-DPL-020-220051-TWAO

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- Legends/Notes:
- Watercourse
  - - - Existing Public Right of Way
  - Planning Application Boundary



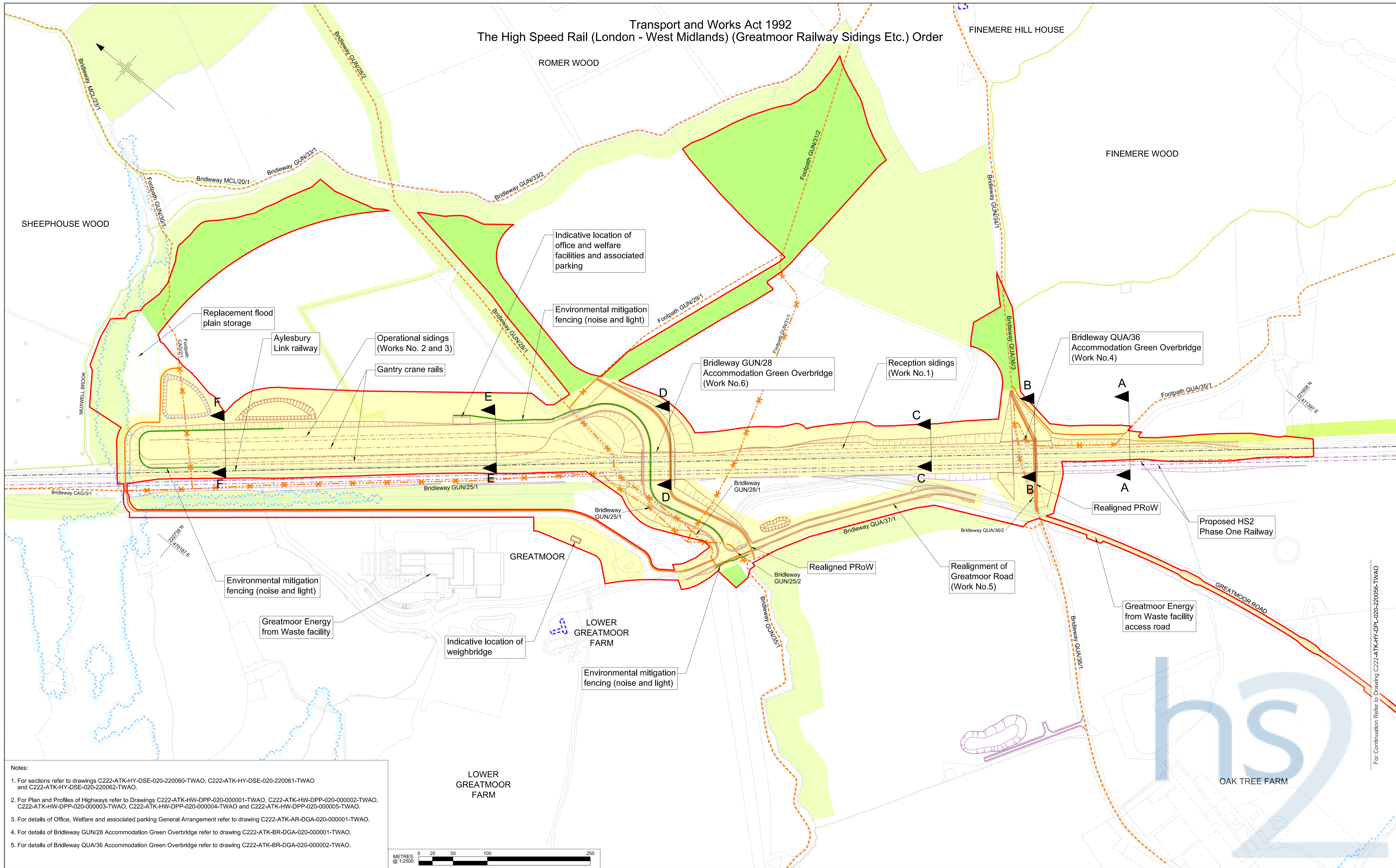
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Zone	Project/Contract		
Design Stage	Discipline/Function		
Drawing Title <b>Existing Plan (Sheet 2 of 2) Planning Direction Drawing (Sheet 6 of 21)</b>	Drawn <b>HMG</b>	Checked <b>MB</b>	Approved <b>RP</b>
	Date <b>17/06/2016</b>	Scale <b>1:2500</b>	Size <b>A1</b>
Drawing No. <b>C222-ATK-HY-DPL-020-220051-TWAO</b>	Rev. <b>P01</b>		



Transport and Works Act 1992  
The High Speed Rail (London - West Midlands) (Greatmoor Railway Sidings Etc.) Order



**Notes:**

- For sections refer to drawings C222-ATK-HY-DSE-020-220060-TWAO, C222-ATK-HY-DSE-020-220061-TWAO and C222-ATK-HY-DSE-020-220062-TWAO.
- For Plan and Profiles of Highways refer to Drawings C222-ATK-HW-DPP-020-000001-TWAO, C222-ATK-HW-DPP-020-000002-TWAO, C222-ATK-HW-DPP-020-000003-TWAO, C222-ATK-HW-DPP-020-000004-TWAO and C222-ATK-HW-DPP-020-000005-TWAO.
- For details of Office, Welfare and associated parking General Arrangement refer to drawing C222-ATK-AR-DGA-020-000001-TWAO.
- For details of Bridleway GUN/28 Accommodation Green Overbridge refer to drawing C222-ATK-BR-DGA-020-000001-TWAO.
- For details of Bridleway QUA/36 Accommodation Green Overbridge refer to drawing C222-ATK-BR-DGA-020-000002-TWAO.

Rev	Description	Drawn	Checked	Con App	HS2 App

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**Legends/Notes:**

- Planning Application Boundary
- Proposed Engineering Works
- Proposed HS2 Engineering Works
- Proposed Construction Areas
- Environmental Mitigation Planting
- Environmental Mitigation Fencing (Noise and Light)
- - - Public Right of Way
- - - Realigned Public Right of Way
- \* - Stopped up Public Right of Way
- - - Listed Buildings
- - - Flood Risk Zones
- - - Site of Special Scientific Interest (SSSI)
- HS2 Environmental Mitigation Planting
- - - HS2 line of route
- - - Sidings Railway
- - - Aylesbury Link Railway

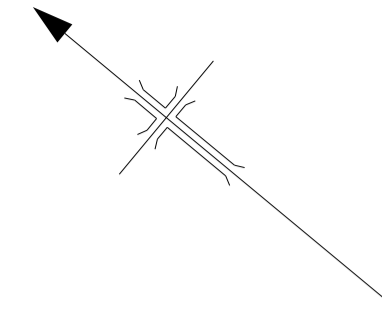
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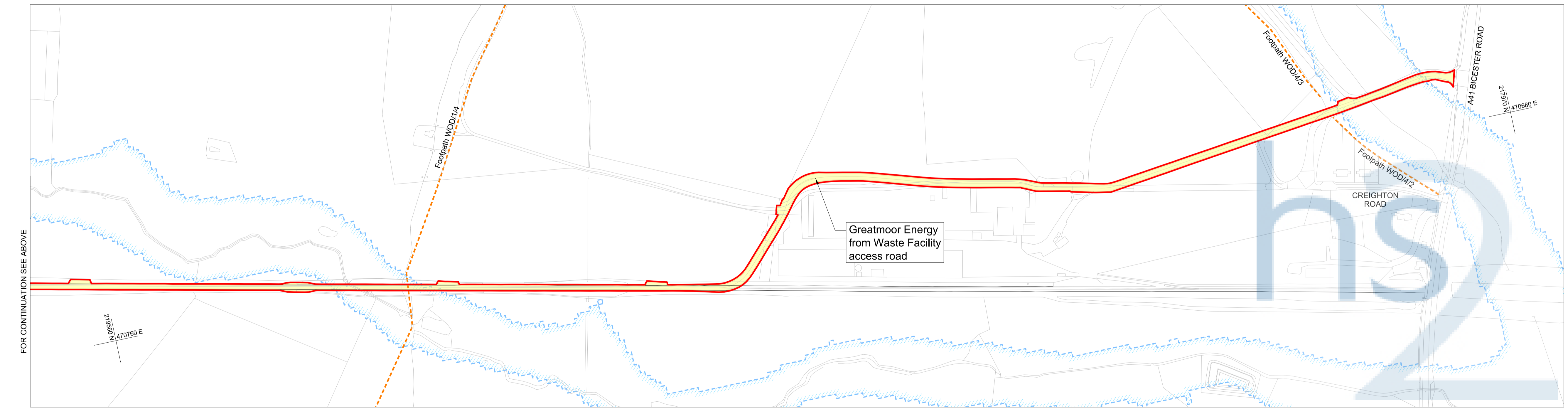
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Design Stage	Discipline/Function		
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General Arrangement Plan (Sheet 1 of 2)	HMG	MB	RP
Planning Direction Drawing (Sheet 7 of 21)	Date	Scale	Size
	20/06/2016	1:2500	A1
Drawing No.	Rev.		
C222-ATK-HY-DPL-020-220055-TWAO	P01		

For Continuation Refer to Drawing C222-ATK-HY-DPL-020-220056-TWAO

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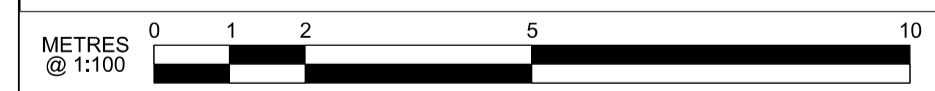
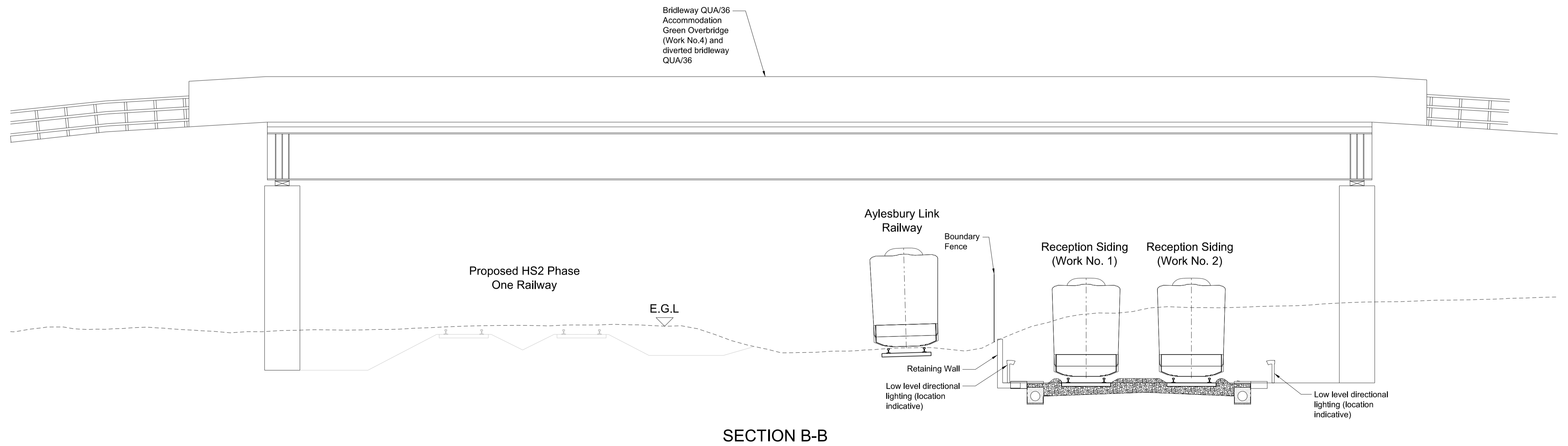
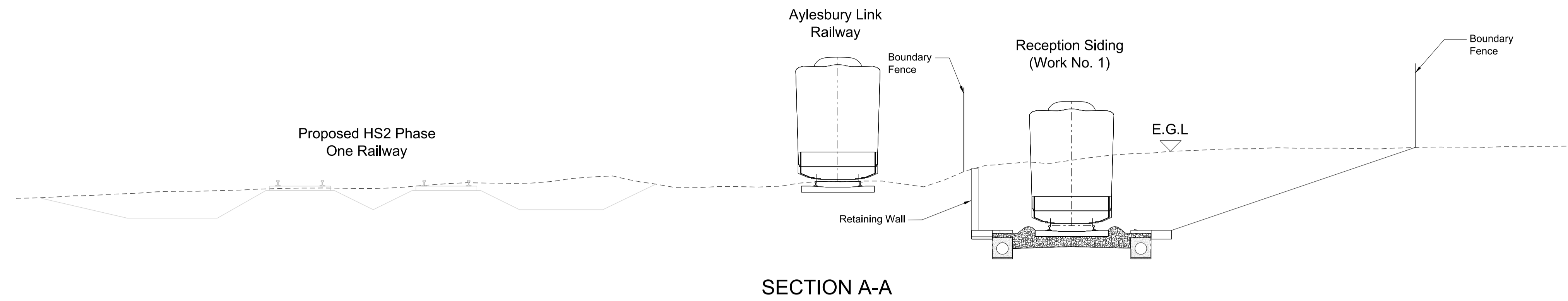
Legends/Notes:	
Planning Application Boundary	Public Right of Way
Proposed Engineering Works	Realigned Public Right of Way
Proposed HS2 Engineering Works	Stopped up Public Right of Way
Proposed Construction Areas	Listed Buildings
Environmental Mitigation Planting	Flood Risk Zones
Environmental Mitigation Fencing (Noise and Light)	Site of Special Scientific Interest (SSSI)
Aylesbury Link Railway	HS2 Environmental Mitigation Planting
Siding Railway	HS2 line of route

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Zone	Project/Contract		
Design Stage	Discipline/Function		
Drawing Title	Drawn	Checked	Approved
General Arrangement Plan (Sheet 2 of 2)	HMG	MB	RP
Planning Direction Drawing (Sheet 8 of 21)	Date	Scale	Size
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Drawing No.	Rev.		
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**Legends/Notes:**

1. Refer to drawing C222-ATK-HY-DPL-020-220055-TWAO for locations of sections.
2. For General Arrangement of Bridge refer to C222-ATK-BR-DGA-020-000002-TWAO

E.G.L - Existing Ground Level

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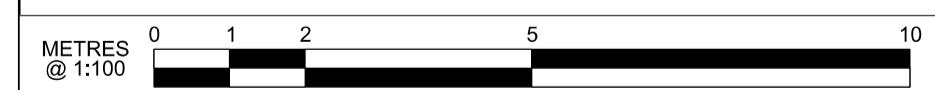
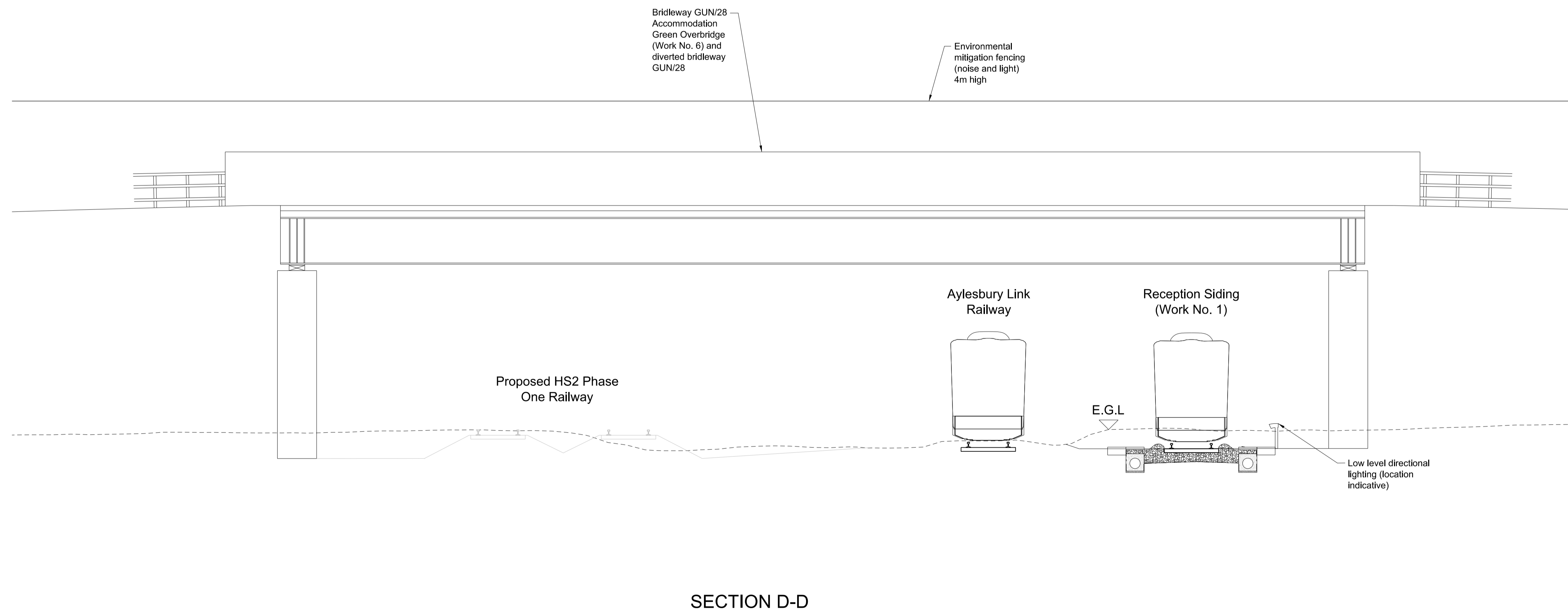
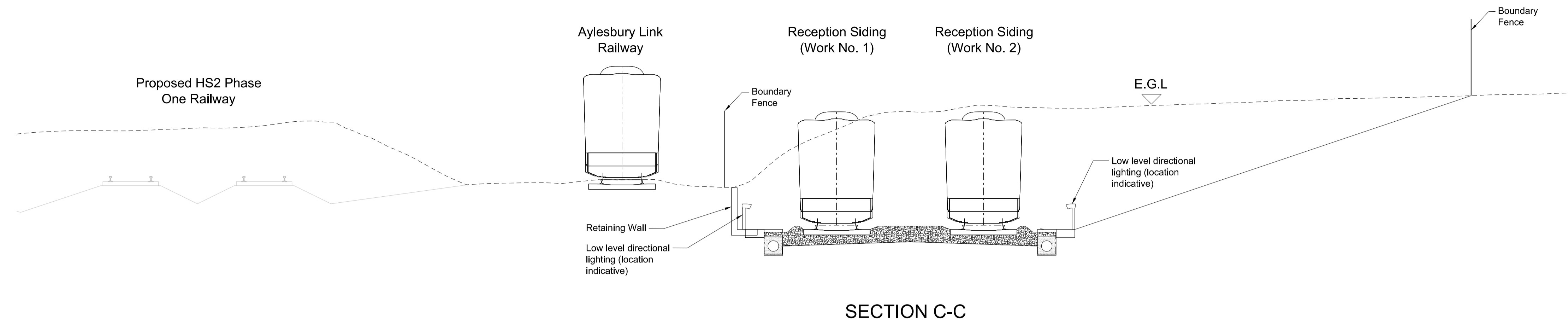
Zone

Design Stage

Drawing Title  
**Sidings Cross Sections (Sheet 1 of 3)**  
**Planning Direction Drawing (Sheet 9 of 21)**

Project/Contract		Discipline/Function	
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Drawing No. <b>C222-ATK-HY-DSE-020-220060-TWAO</b>		Rev. <b>P01</b>	

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Legends/Notes:

1. Refer to drawing C222-ATK-HY-DPL-020-220055-TWAO for locations of sections.
2. For General Arrangement of Bridge refer to C222-ATK-BR-DGA-020-000001-TWAO.

E.G.L - Existing Ground Level

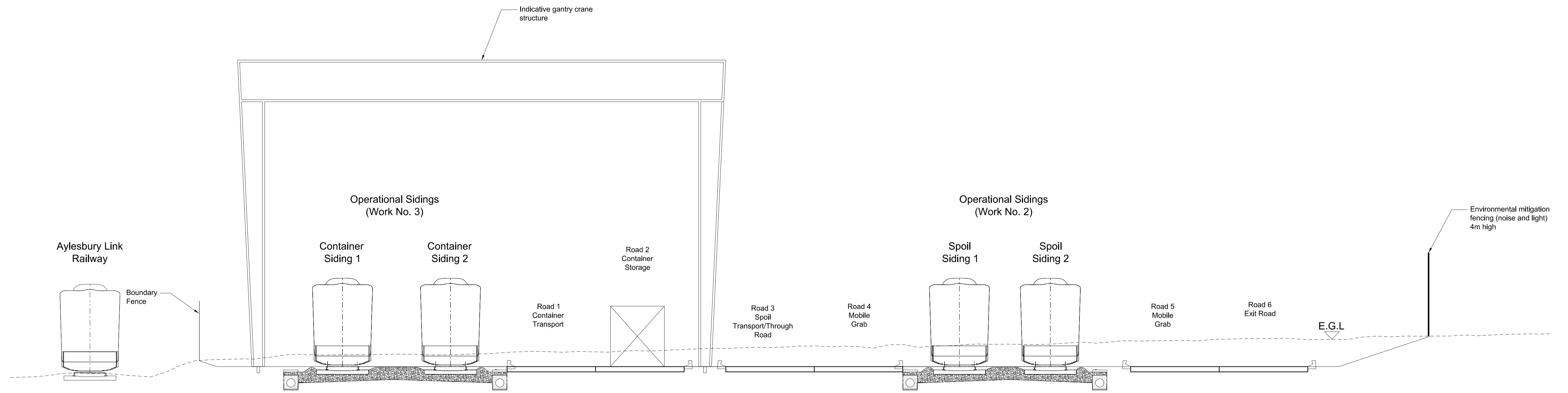
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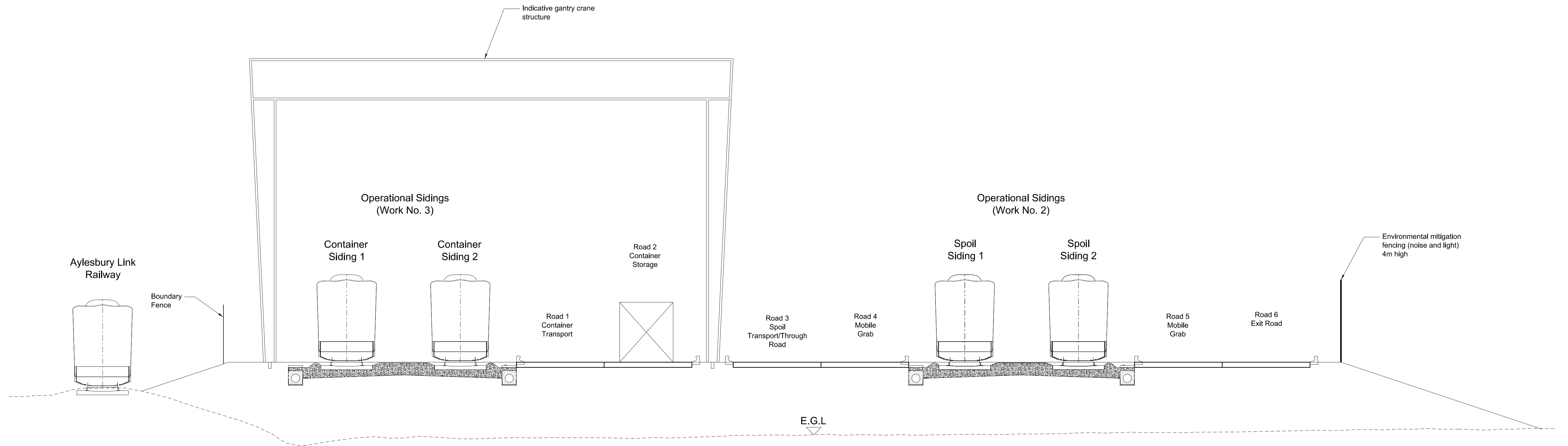
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Design Stage	Discipline/Function		
Drawing Title	Drawn	Checked	Approved
	<b>TD</b>	<b>MB</b>	<b>RP</b>
Sidings Cross Sections (Sheet 2 of 3) Planning Direction Drawing (Sheet 10 of 21)	Date	Scale	Size
	<b>28/06/2016</b>	<b>1:100</b>	<b>A1</b>
Drawing No.	Rev.		
<b>C222-ATK-HY-DSE-020-220061-TWAO</b>	<b>P01</b>		

Zone	Project/Contract		
Design Stage	Discipline/Function		
Drawing Title	Drawn	Checked	Approved
	<b>TD</b>	<b>MB</b>	<b>RP</b>
Sidings Cross Sections (Sheet 2 of 3) Planning Direction Drawing (Sheet 10 of 21)	Date	Scale	Size
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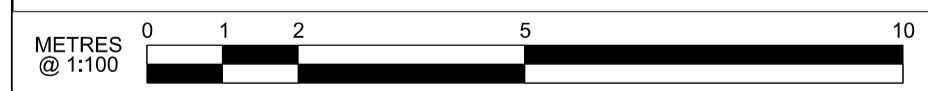
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SECTION E-E



SECTION F-F



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Legends/Notes:

1. Refer to drawing C222-ATK-HY-DPL-020-220055-TWAO for locations of sections.

E.G.L. - Existing Ground Level

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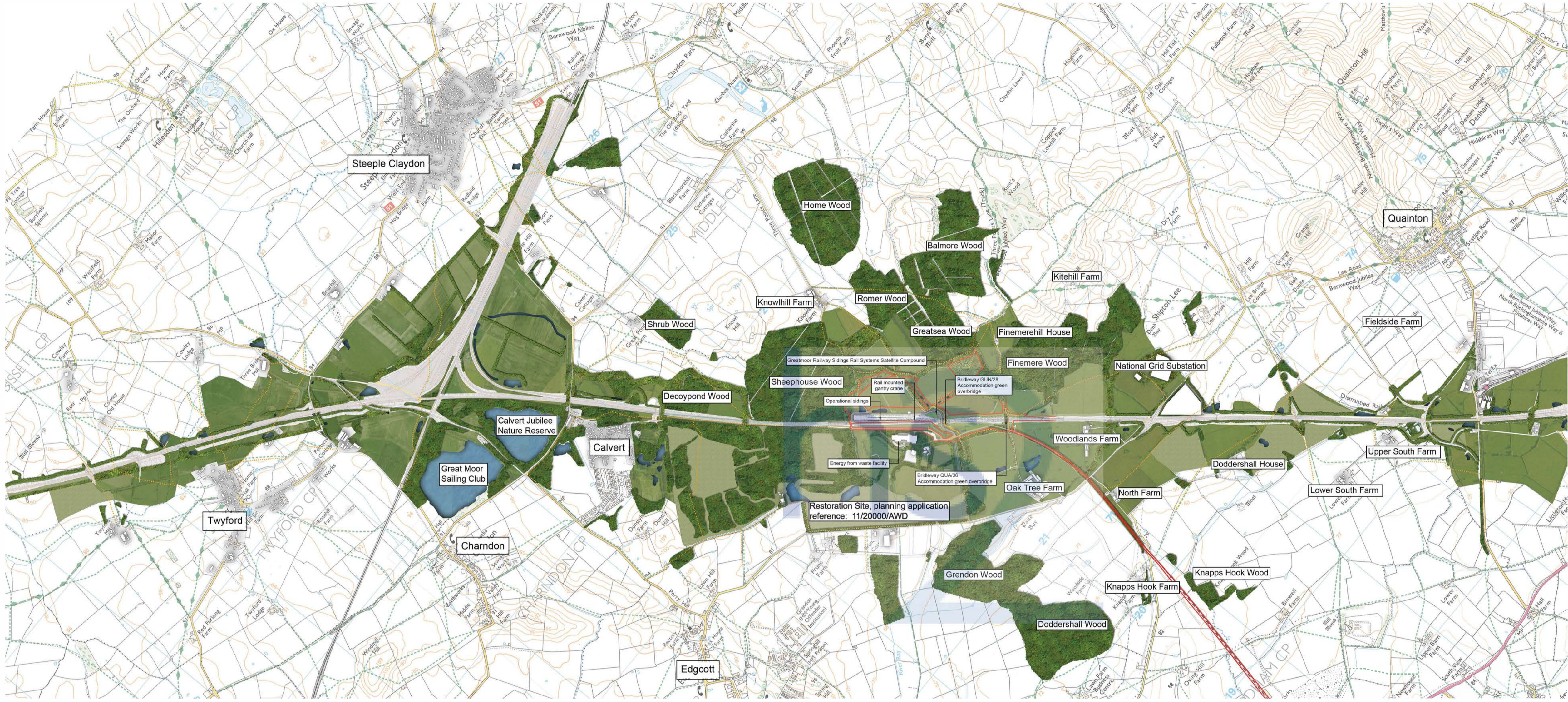
Creator/Originator  
**Atkins**

Zone	Project/Contract		
Design Stage	Discipline/Function		
Drawing Title	Drawn	Checked	Approved
Sidings Cross Sections (Sheet 3 of 3) Planning Direction Drawing (Sheet 11 of 21)	TD	MB	RP
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Drawing No.	Rev.		
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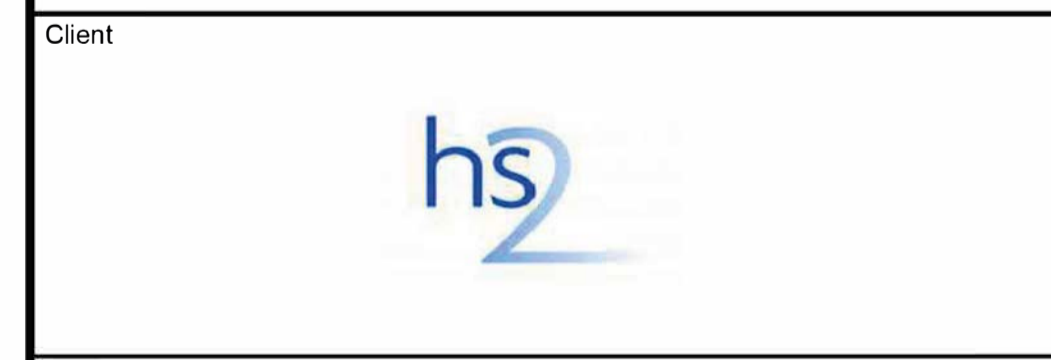
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P3	19-07-2016	CEC	AMENDED FOLLOWING COMMENTS	GS	LS
P2	14-07-2016	TJ	FOR ENVIRONMENTAL STATEMENT	GS	LS
Rev	Date	Drawn	Description	Ch'k'd	App'd



Title  
**Greatmoor Railway Sidings  
Mitigation Context Plan  
Planning Direction Drawing  
Sheet 12 of 21**

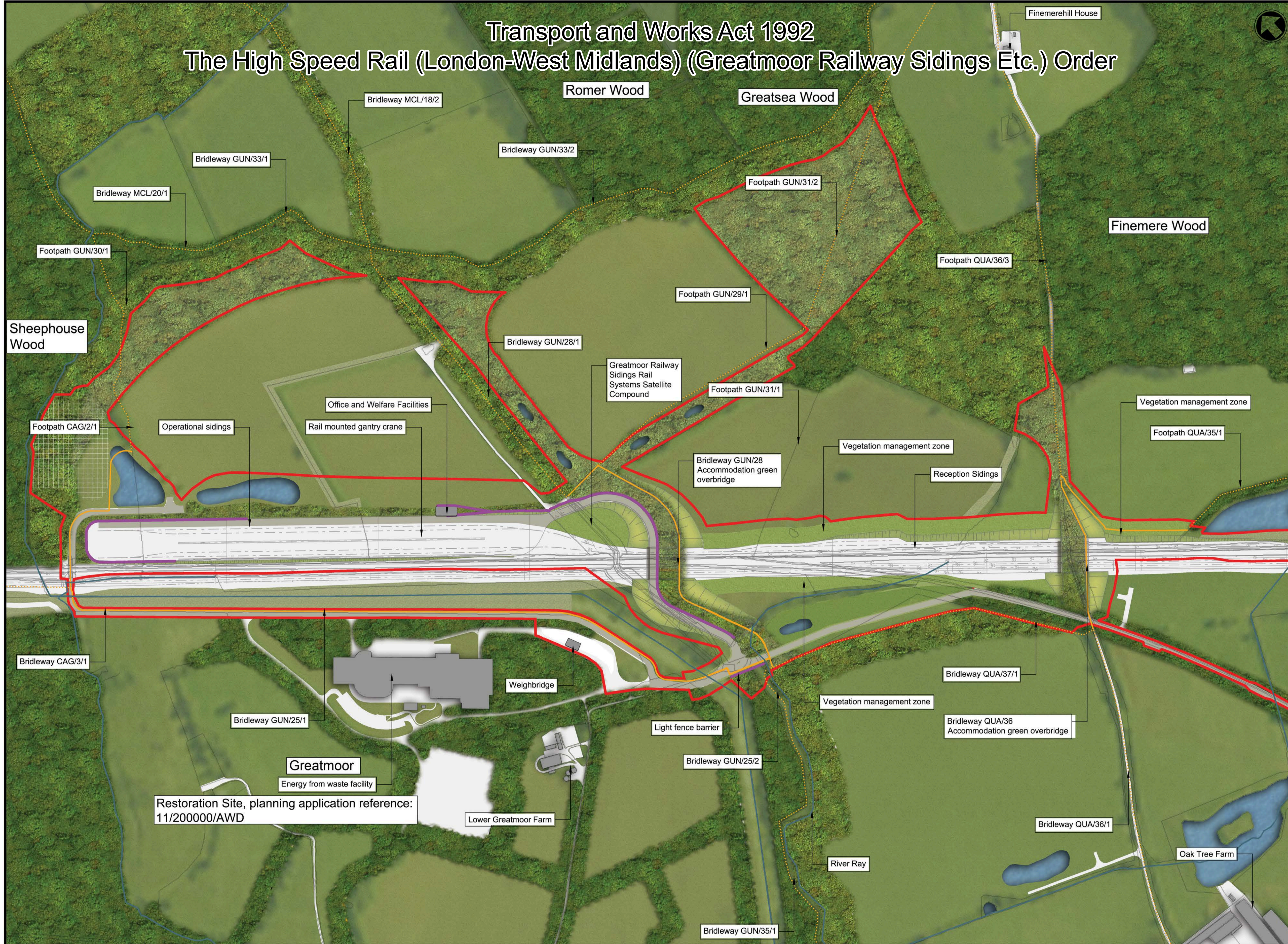
Building	Watercourse	Grassland habitat creation	Existing PRoW	Rail alignment	 1:20000
Pond	Woodland habitat creation	HS2 Hybrid Bill grassland habitat creation	New, diverted or realigned PRoW	Red line boundary	
Replacement floodplain storage	HS2 Hybrid Bill woodland habitat creation	Existing woodland	Noise fence barrier		

NOTE: The plan illustrates how the Greatmoor Railway sidings, EFW and surrounds will look post restoration. Works outside the application boundary to be implemented under HS2 Phase One Bill and energy from waste scheme

Designed	G Sharnan	GS	Eng check	-	-
Drawn	T Janes	TJ	Coordination	G Sharnan	GS
Dwg check	G Sharnan	GS	Approved	L Scarff	LS
Scale at A1	1:20,000	Status	PLG	Rev	P3
Drawing Number		Security	STD		

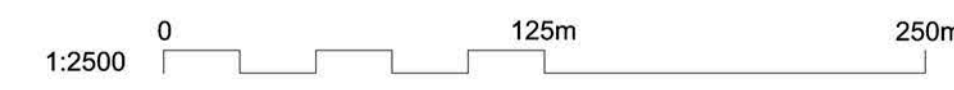
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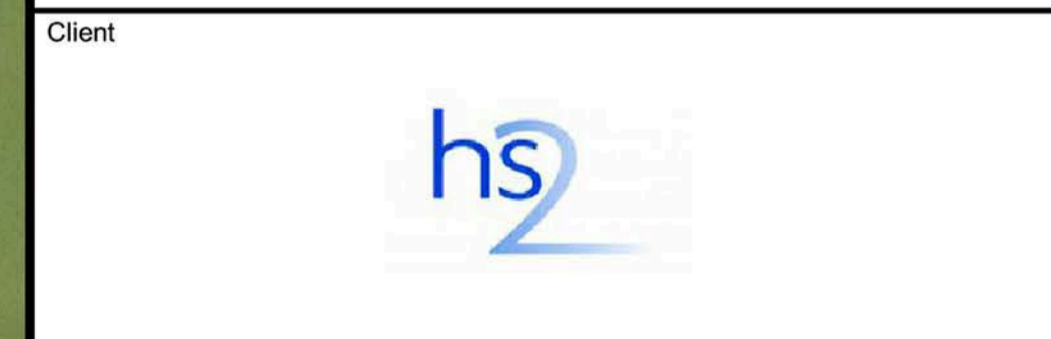
Restoration Site, planning application reference: 11/200000/AWD

	Building		Watercourse		Grassland habitat creation		Existing PRoW		Rail alignment
	Pond		Woodland habitat creation		HS2 Hybrid Bill grassland habitat creation		New, diverted or realigned PRoW		Red line boundary
	Replacement floodplain storage		HS2 Hybrid Bill woodland habitat creation		Existing woodland		Environmental Mitigation Fencing (Noise and Light)		



NOTE: Works outside the application boundary to be implemented under HS2 Phase One Bill and energy from waste scheme.  
No mitigation required on the Greatmoor Access Road

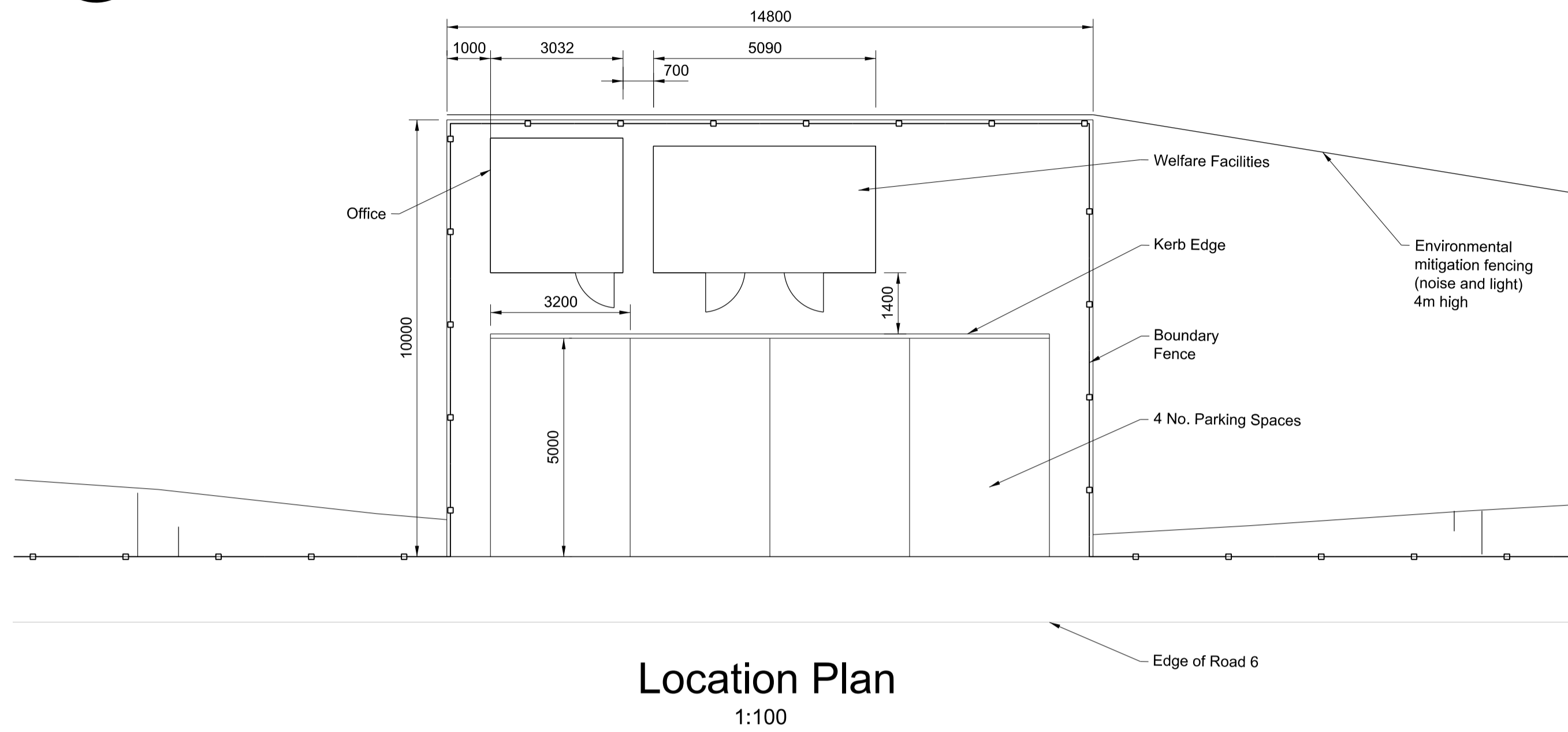
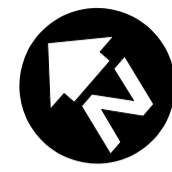
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P2	14-07-2016	TJ	FOR ENVIRONMENTAL STATEMENT	GS	LS
Rev	Date	Drawn	Description	Ch'k'd	App'd



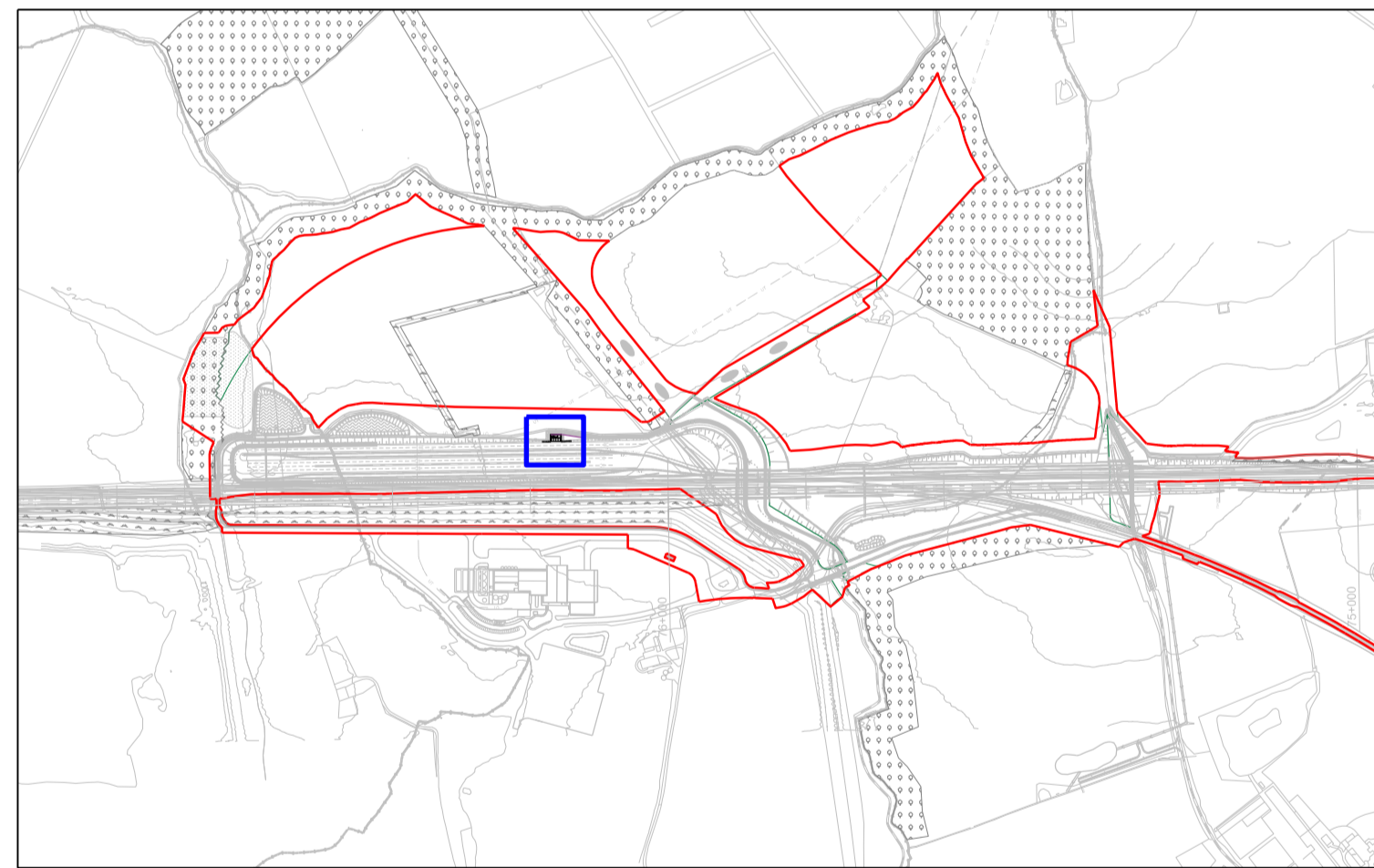
Client  
 Title  
**Greatmoor Railway Sidings  
 Mitigation Plan  
 Planning Direction Drawing  
 Sheet 13 of 21**

Designed	G Sharman	GS	Eng check	-	-
Drawn	T Janes	TJ	Coordination	G Sharman	GS
Dwg check	G Sharman	GS	Approved	L Scarff	LS
Scale at A1	Status	Rev	Security		
1:2500	PLG	P3	STD		
Drawing Number					

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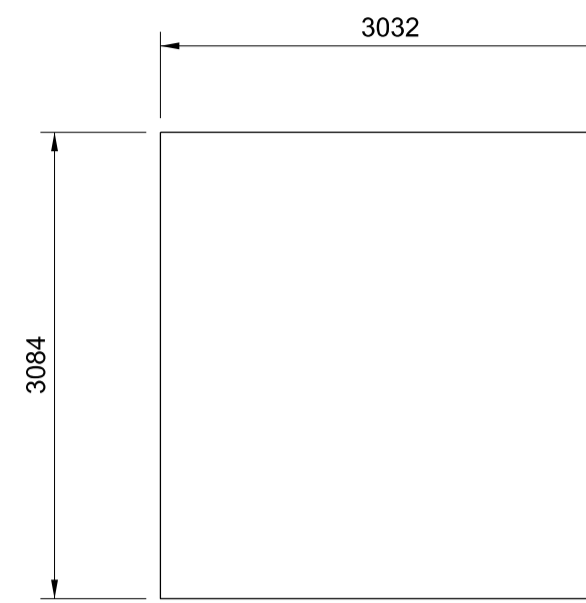


Location Plan  
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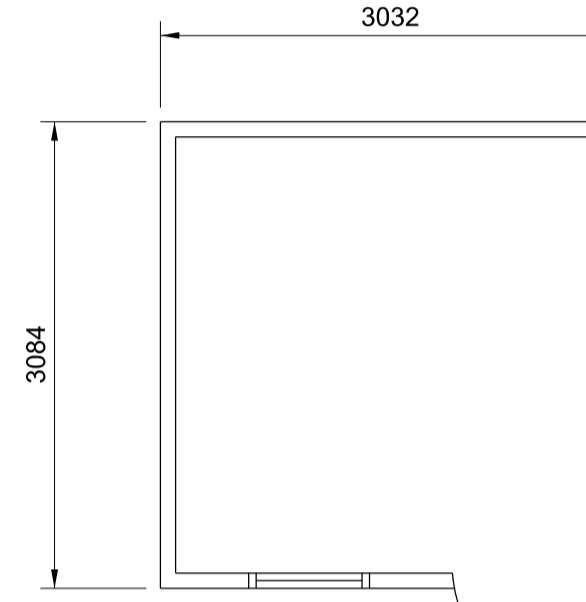


Key Plan  
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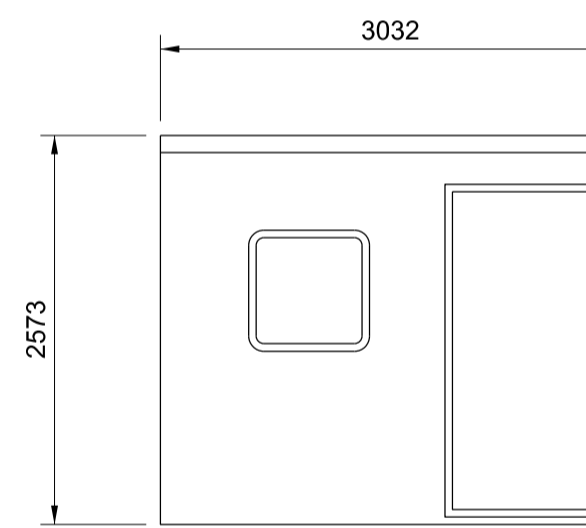
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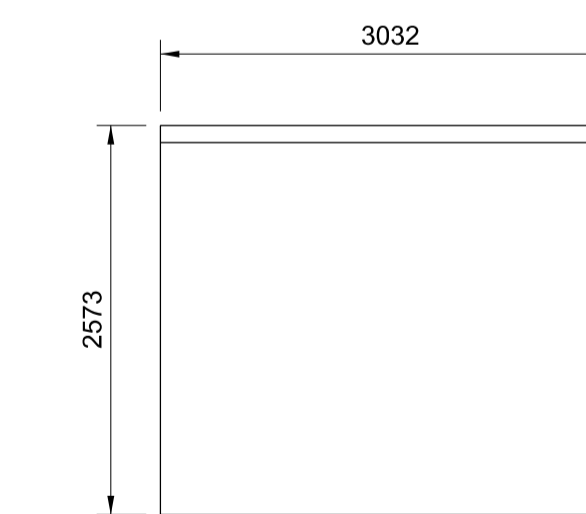
Roof Plan  
1:50



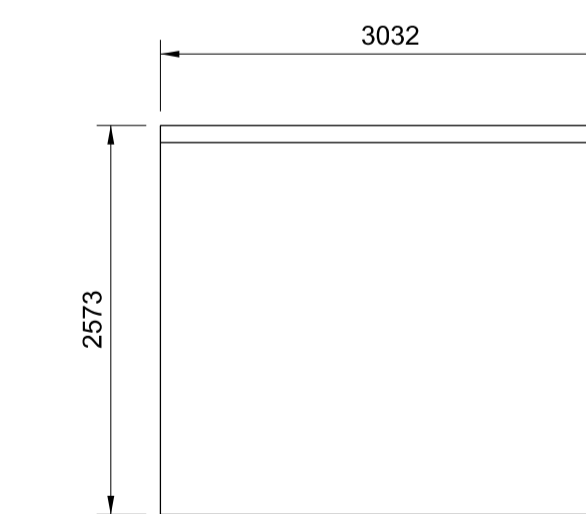
Ground floor Plan  
1:50



Front Elevation  
1:50

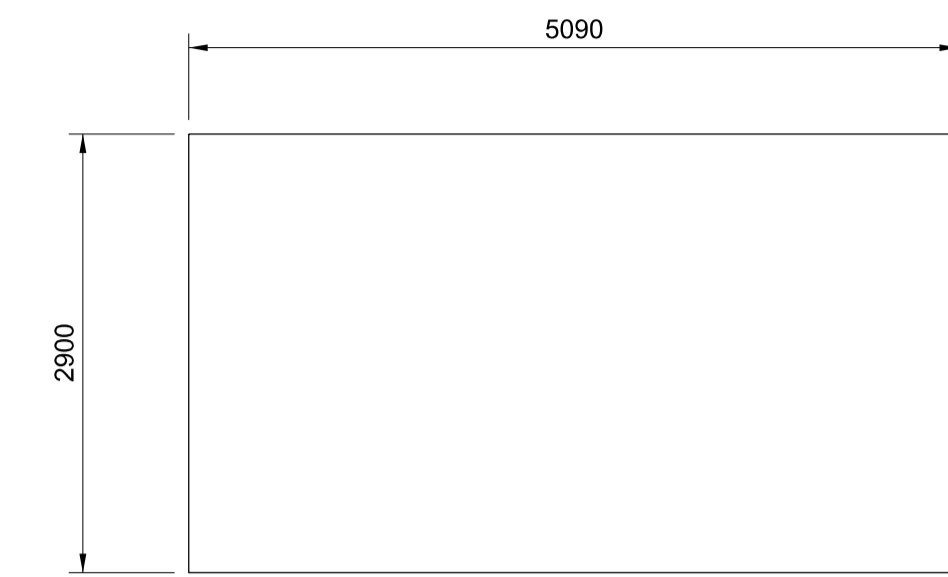


Side Elevation  
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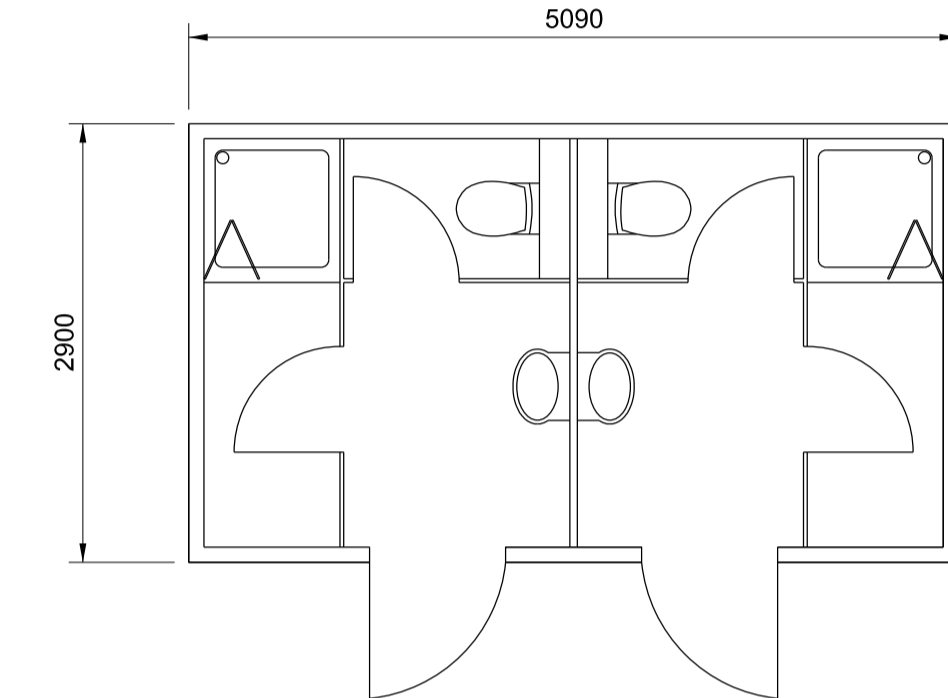


Rear Elevation  
1:50

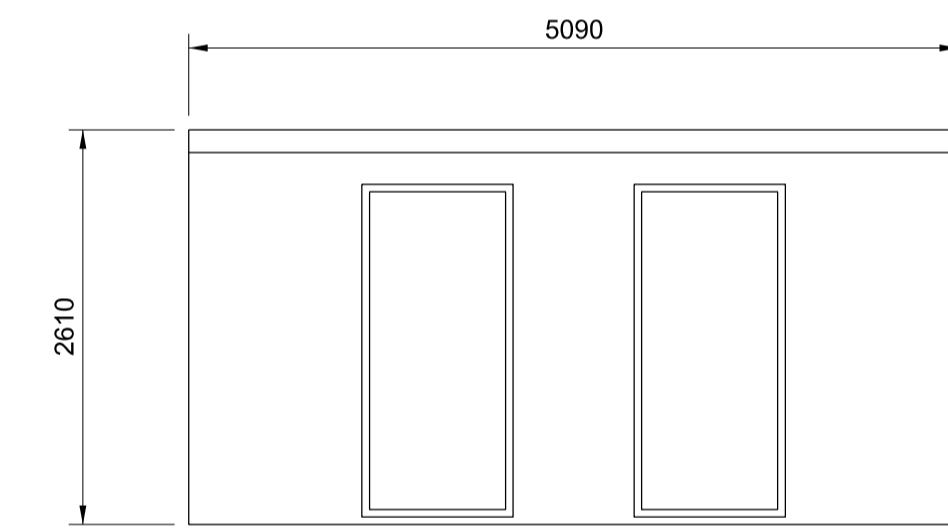
Welfare Facilities



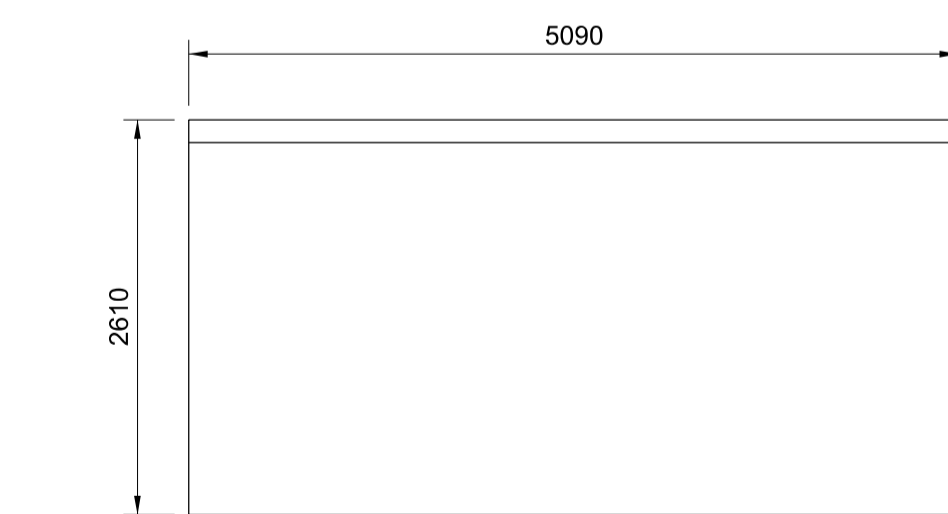
Roof Plan  
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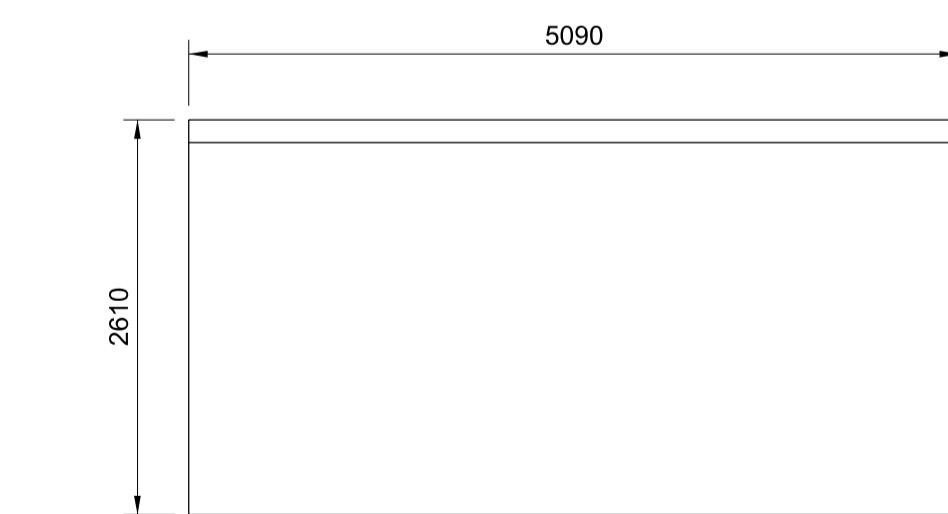
Ground floor Plan  
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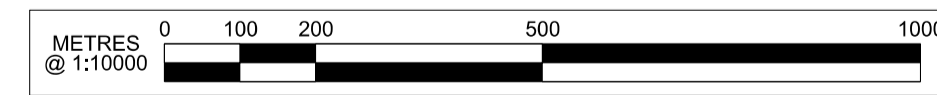
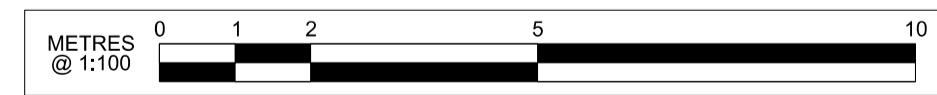
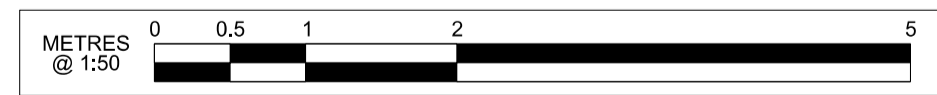
Front Elevation  
1:50



Side Elevation  
1:50



Rear Elevation  
1:50



P01	First Issue	HMG	MB	RP
		22/07/16	22/07/16	22/07/16

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Legends/Notes:

1. All dimensions are in millimetres (mm).

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Registered office:  
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London, E14 5AB

Creator/Originator  
Atkins

Zone

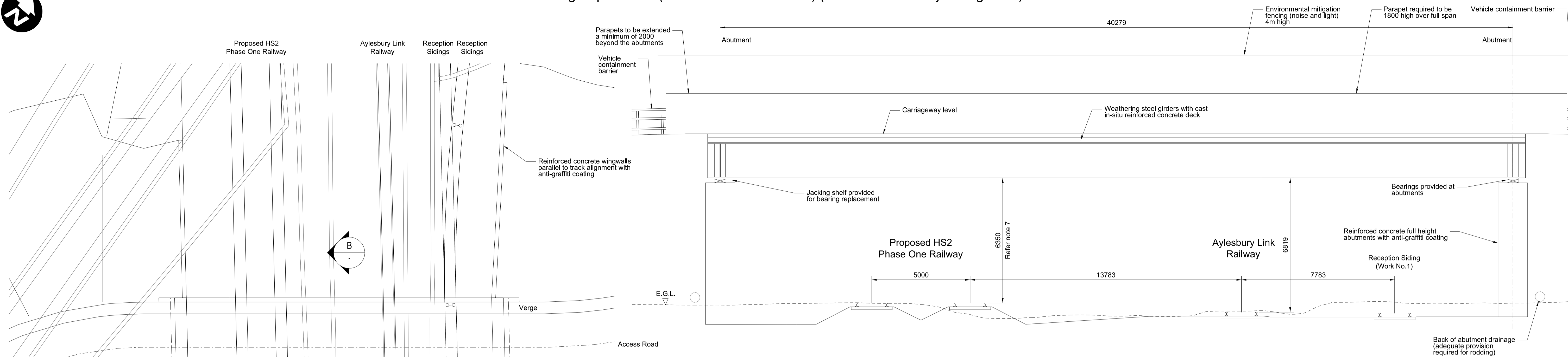
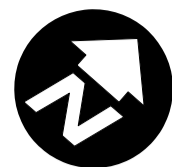
Design Stage

Drawing Title  
Office & Welfare Facilities  
General Arrangement  
Planning Direction Drawing (Sheet 14 of 21)

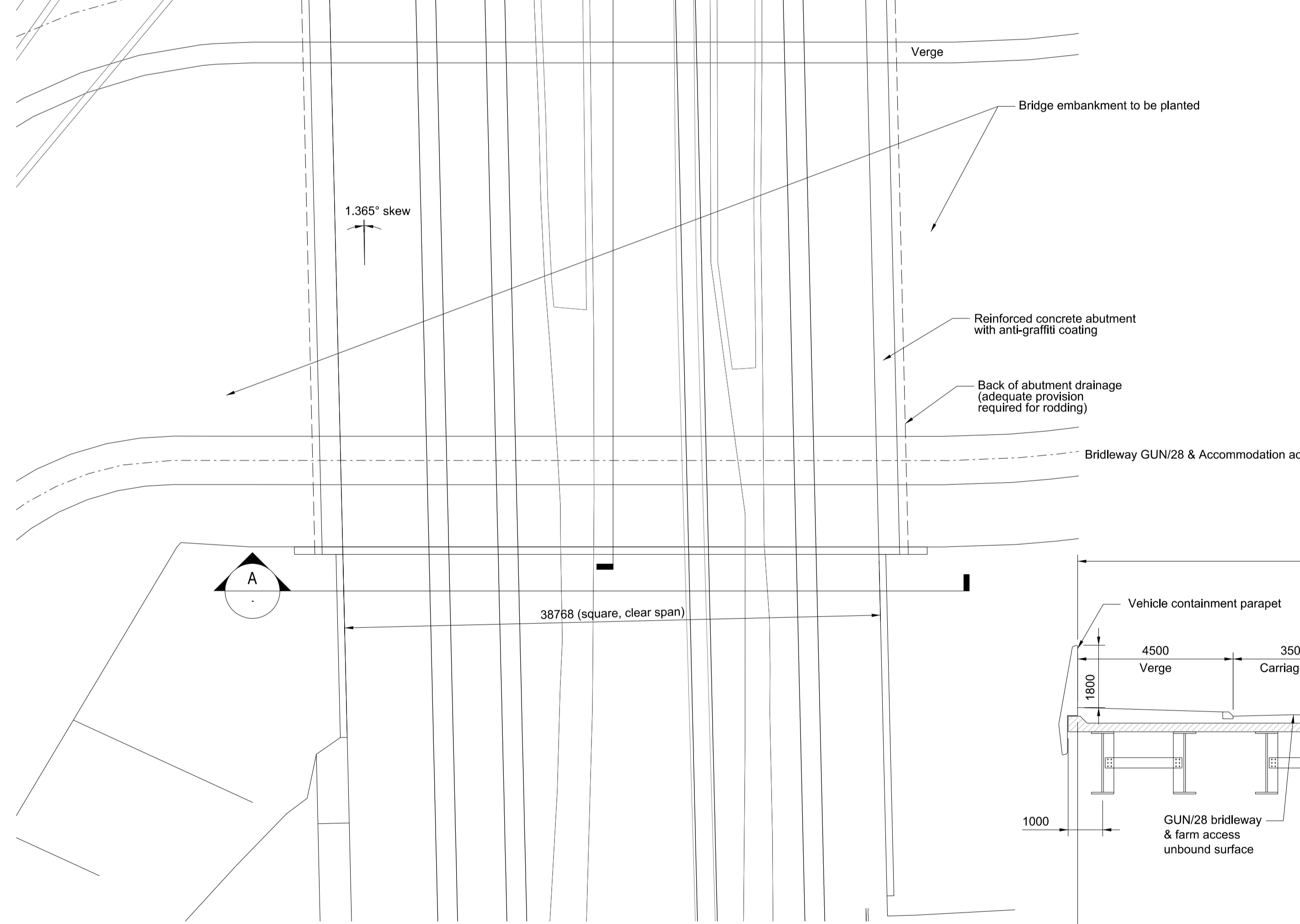
Project/Contract			
Discipline/Function			
Drawn	Checked	Approved	
HMG	MB	RP	
Date	Scale	Size	
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Drawing No.			Rev.
C222-ATK-AR-DGA-020-000001-TWAO			P01



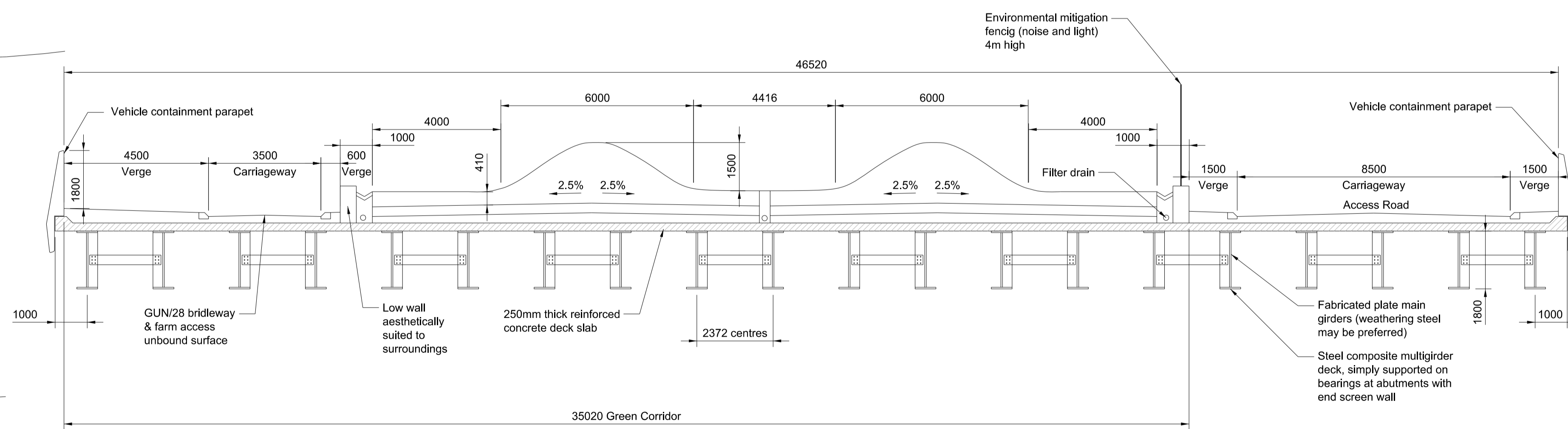
Transport and Works Act 1992  
The High Speed Rail (London - West Midlands) (Greatmoor Railway Sidings Etc.) Order



Elevation A-A  
Scale 1:100



Plan on Bridge  
Scale 1:250



Section B-B  
Scale 1:100

P01	First Issue	HMG 22/07/16	MB 22/07/16	RP 22/07/16	
Rev	Description	Drawn	Checked	Con App	HS2 App

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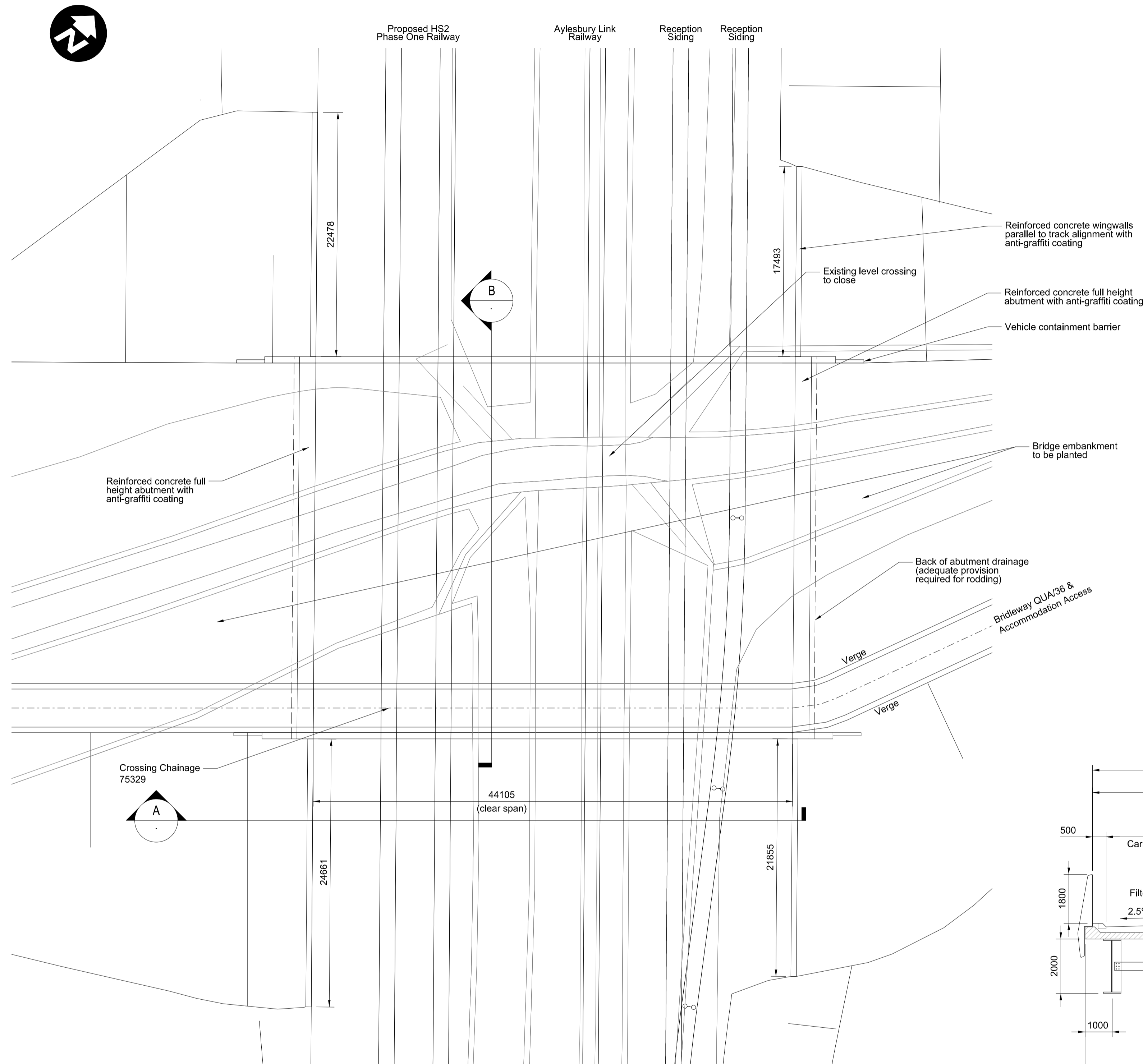
- Legends/Notes:
- All dimensions in millimetres unless otherwise noted.
  - Services and drainage shown are indicative and to be confirmed. Utility provisions to be fully sleeved through deck with access chambers off the bridge at each end.
  - All girders to be weathering steel.
  - The minimum headroom is 6350mm.
  - The minimum lateral clearance is 6950mm.

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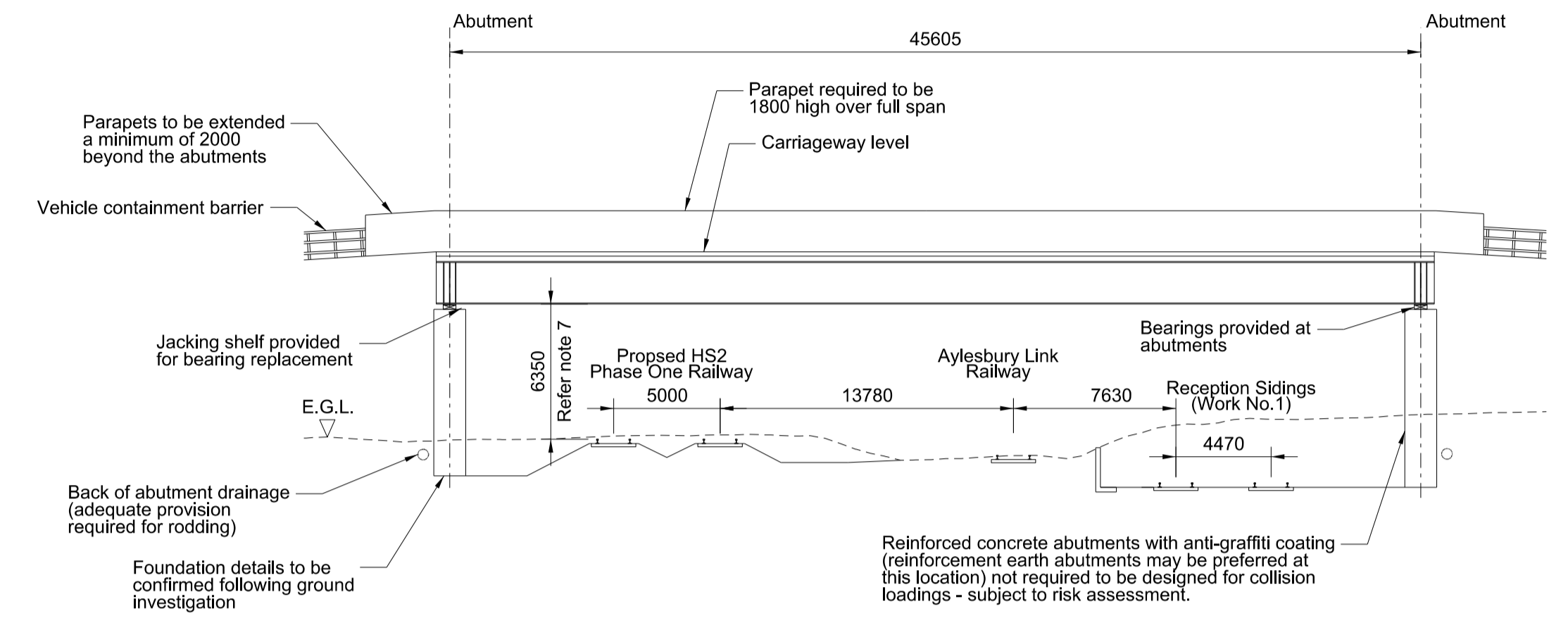
Creator/Originator  
Atkins

Zone	Project/Contract		
Design Stage	Discipline/Function		
Drawing Title	Drawn	Checked	Approved
Bridleway GUN/28 Accommodation Green Overbridge General Arrangement Planning Direction Drawing (Sheet 15 of 21)	MM	MB	RP
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Drawing No.	Rev.		
C222-ATK-BR-DGA-020-000001-TWAO	P01		

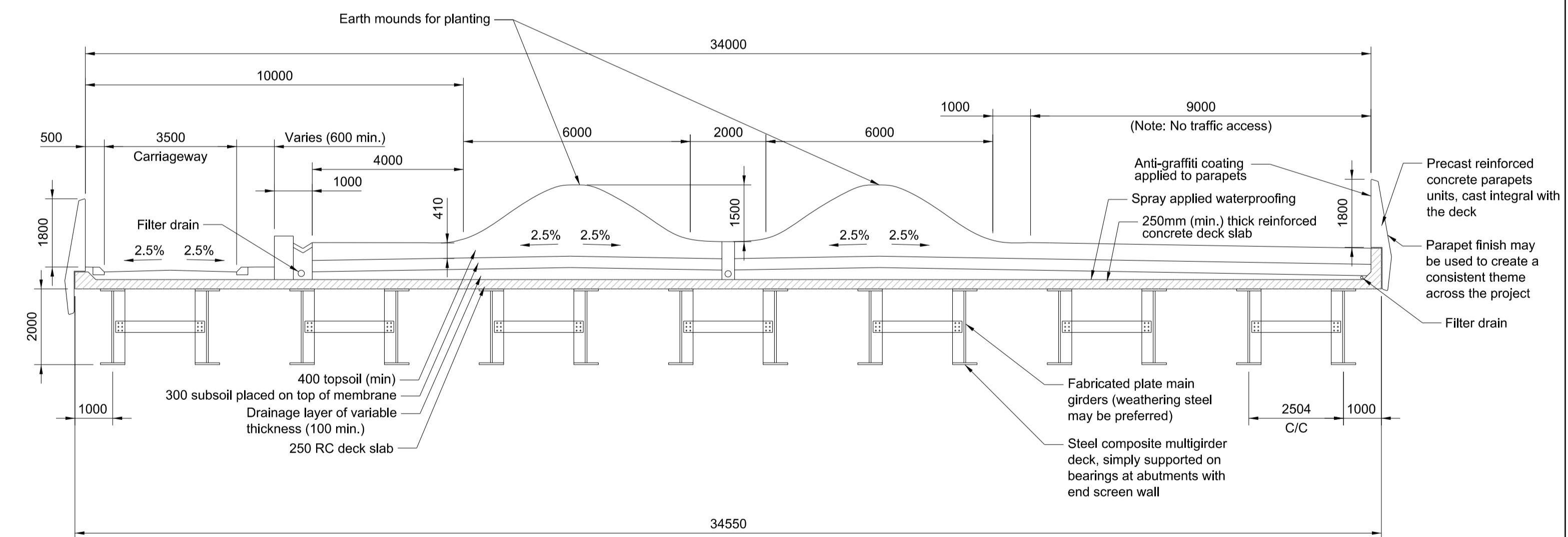
Transport and Works Act 1992  
The High Speed Rail (London - West Midlands) (Greatmoor Railway Sidings Etc.) Order



Plan on Bridge  
scale 1:250



Elevation A-A  
Scale 1:250



Section B-B  
Scale 1:100

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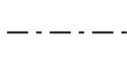

- Legends/Notes:
- All dimensions in millimetres unless otherwise noted.
  - Services and drainage shown are indicative and to be confirmed. Utility provisions to be fully sleeved through deck with access chambers off the bridge at each end.
  - Weathering steel may be preferred for main girders.
  - The minimum headroom is 6350mm.
  - The minimum lateral clearance is 6950mm.

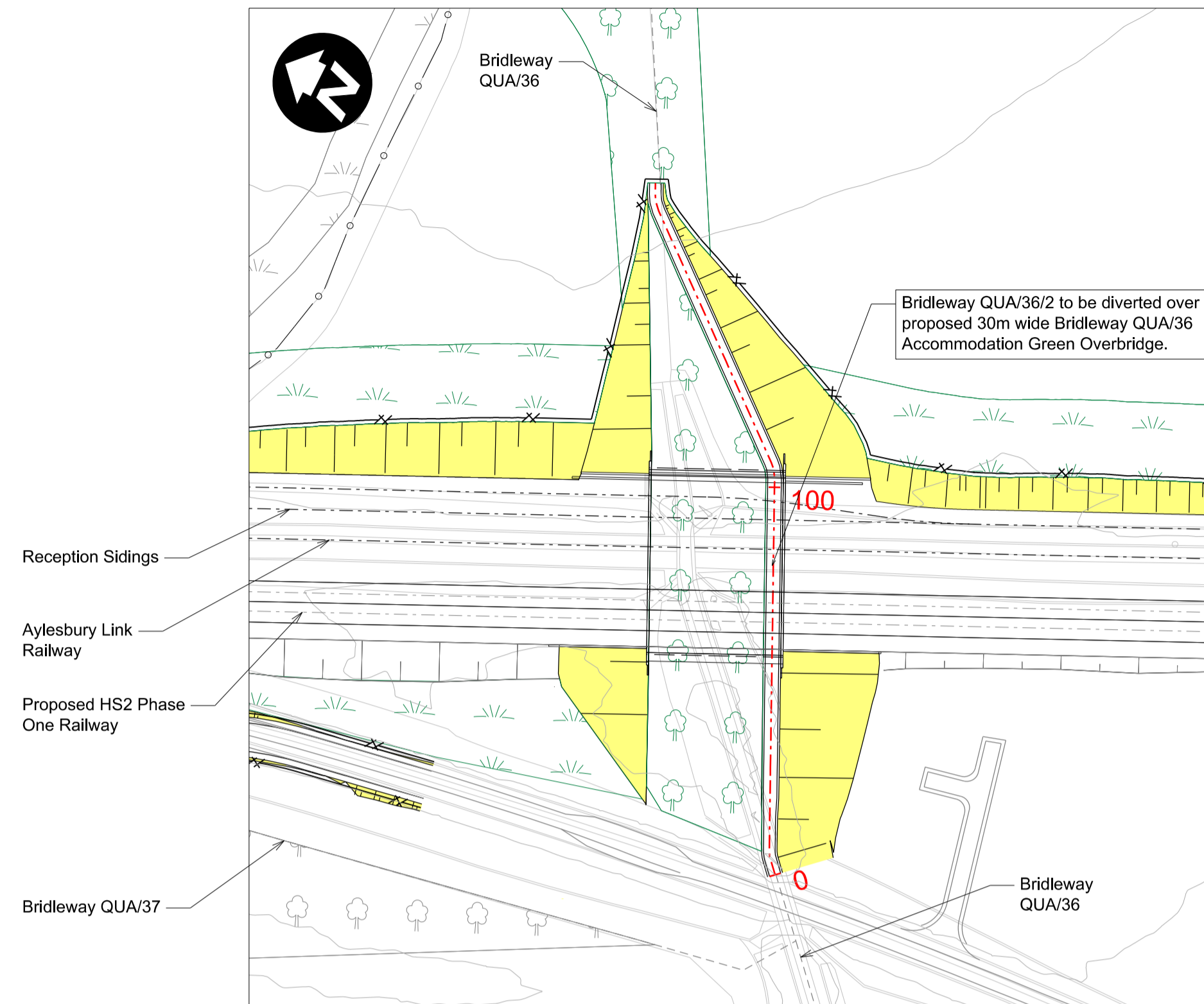
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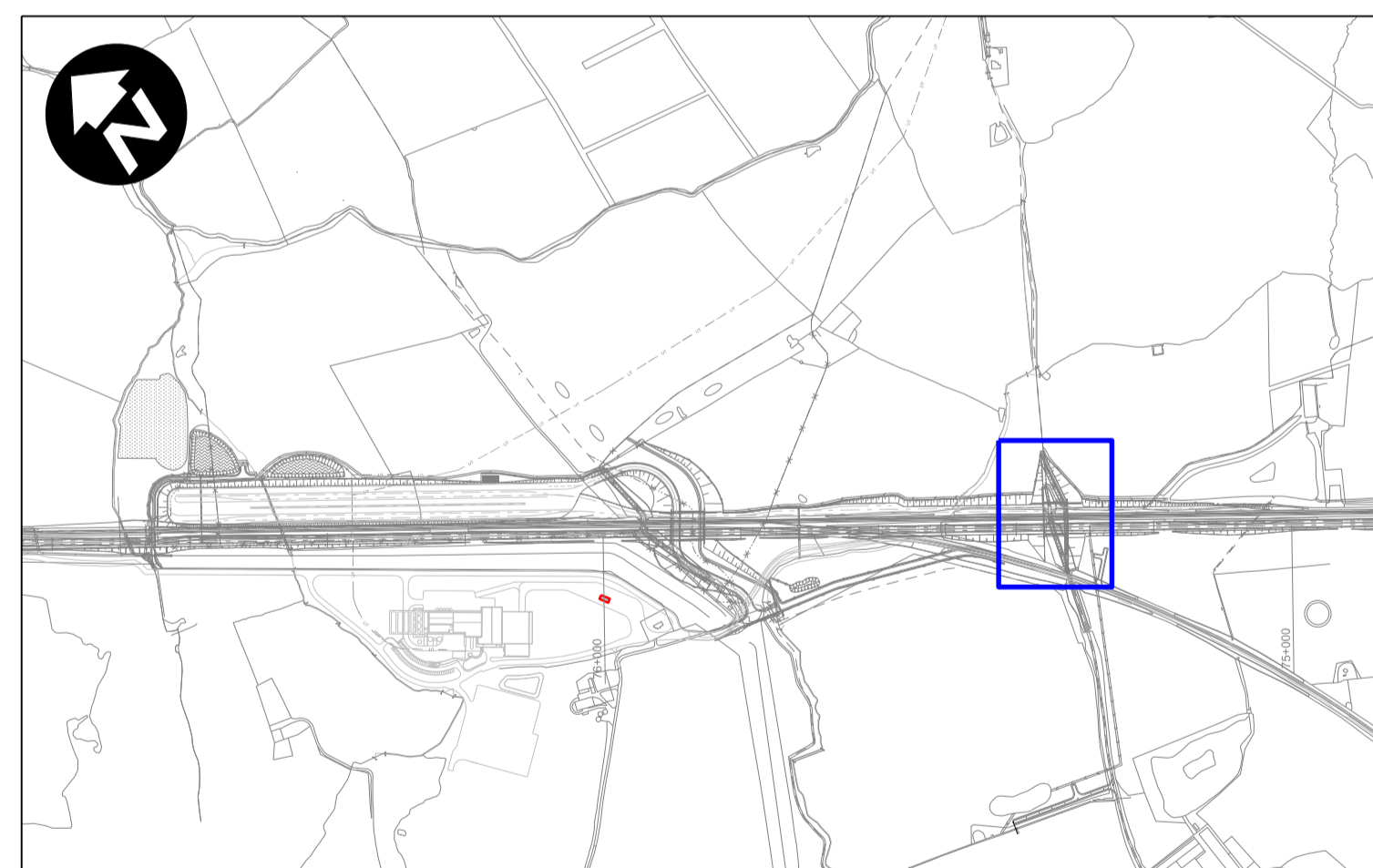
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Bridleway QUA/36 Accommodation Green Overbridge General Arrangement Planning Direction Drawing (Sheet 16 of 21)	MM	MB	RP
	Date	Scale	Size
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Drawing No.	Rev.		
C222-ATK-BR-DGA-020-000002-TWAO	P01		

Legend

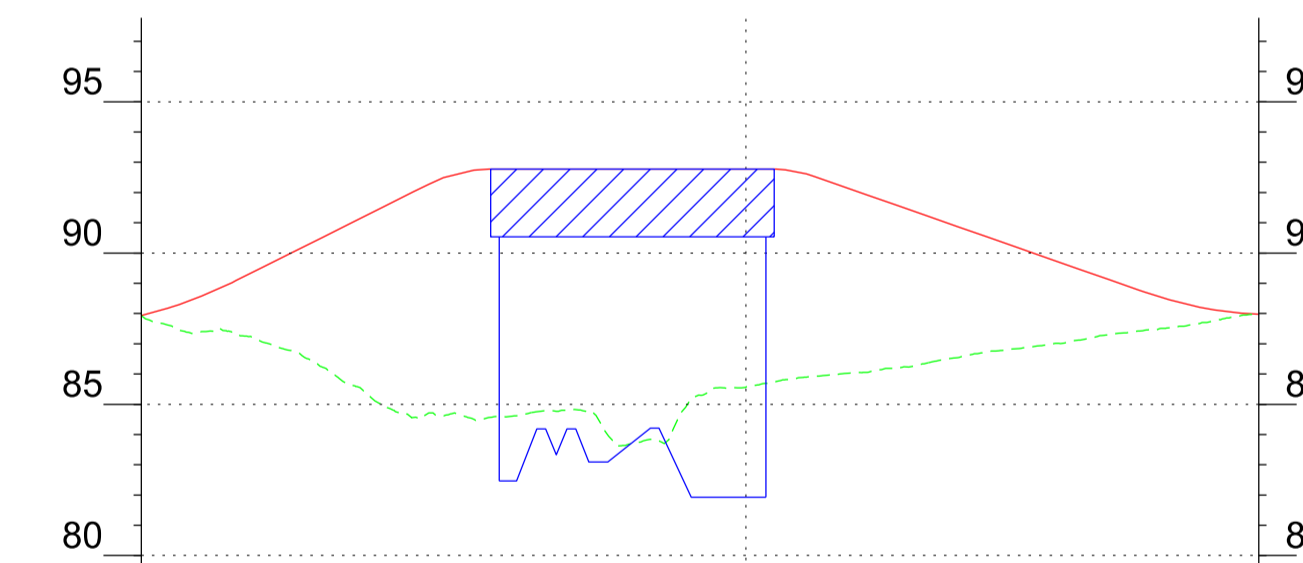
-  Cutting
-  Embankment
-  Building
-  Ecological mitigation pond
-  Balancing pond
-  Replacement floodplain storage
-  Woodland habitat creation
-  Vegetation management zone
-  HS2 Hybrid Bill Woodland habitat creation
-  HS2 Hybrid Bill Vegetation management zone
-  Rail alignment
-  Environmental mitigation fencing (noise and light)
-  Permanent security fence
-  Permanent boundary fence
-  Road/Access alignment (Chainage in metres)
-  Public Right of Way



Bridleway QUA/36 Diversion Plan  
Scale 1:1250

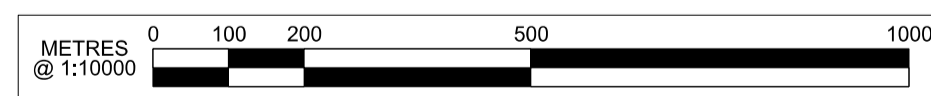
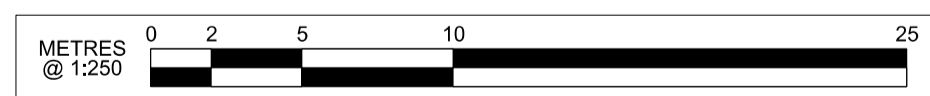
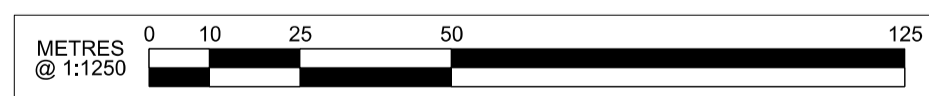



Bridleway QUA/36 Diversion Key Plan  
Scale 1:10000



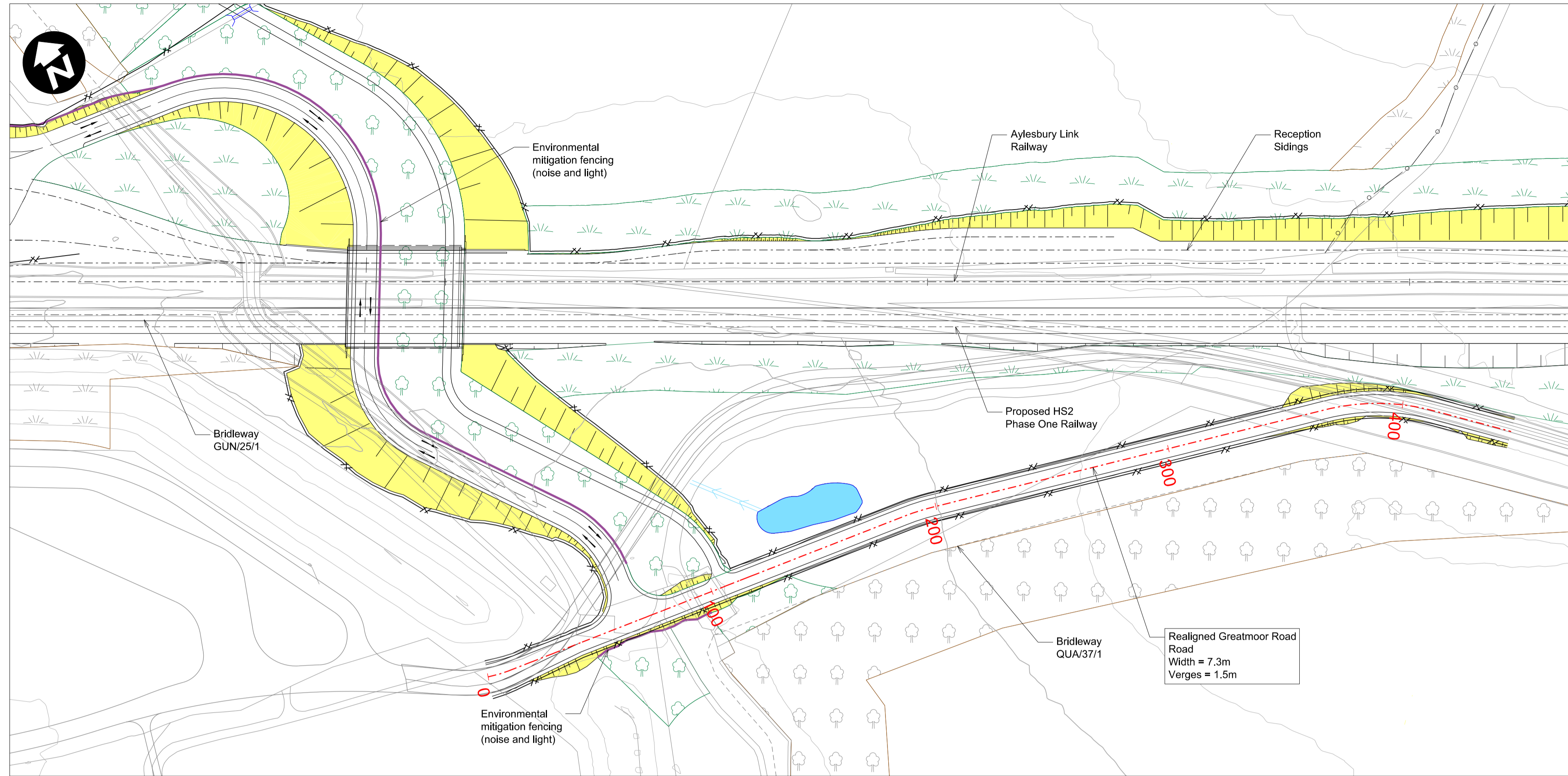
Chainage (m)	Existing Level (m)	Proposed Level (m)
0+000	87.9	87.9
0+010	87.4	88.6
0+020	87.1	89.5
0+030	86.2	90.5
0+040	85.0	91.5
0+050	84.6	92.5
0+060	84.6	92.8
0+070	84.8	92.8
0+080	83.6	92.8
0+090	84.9	92.8
0+100	85.6	92.8
0+110	85.9	92.6
0+120	86.1	91.9
0+130	86.4	91.2
0+140	86.7	90.5
0+150	87.0	89.8
0+160	87.3	89.1
0+170	87.5	88.4
0+180	87.9	88.1
0+185	88.0	88.0

Bridleway QUA/36 Diversion Profile  
Scale 1:1250 H, 1:250 V

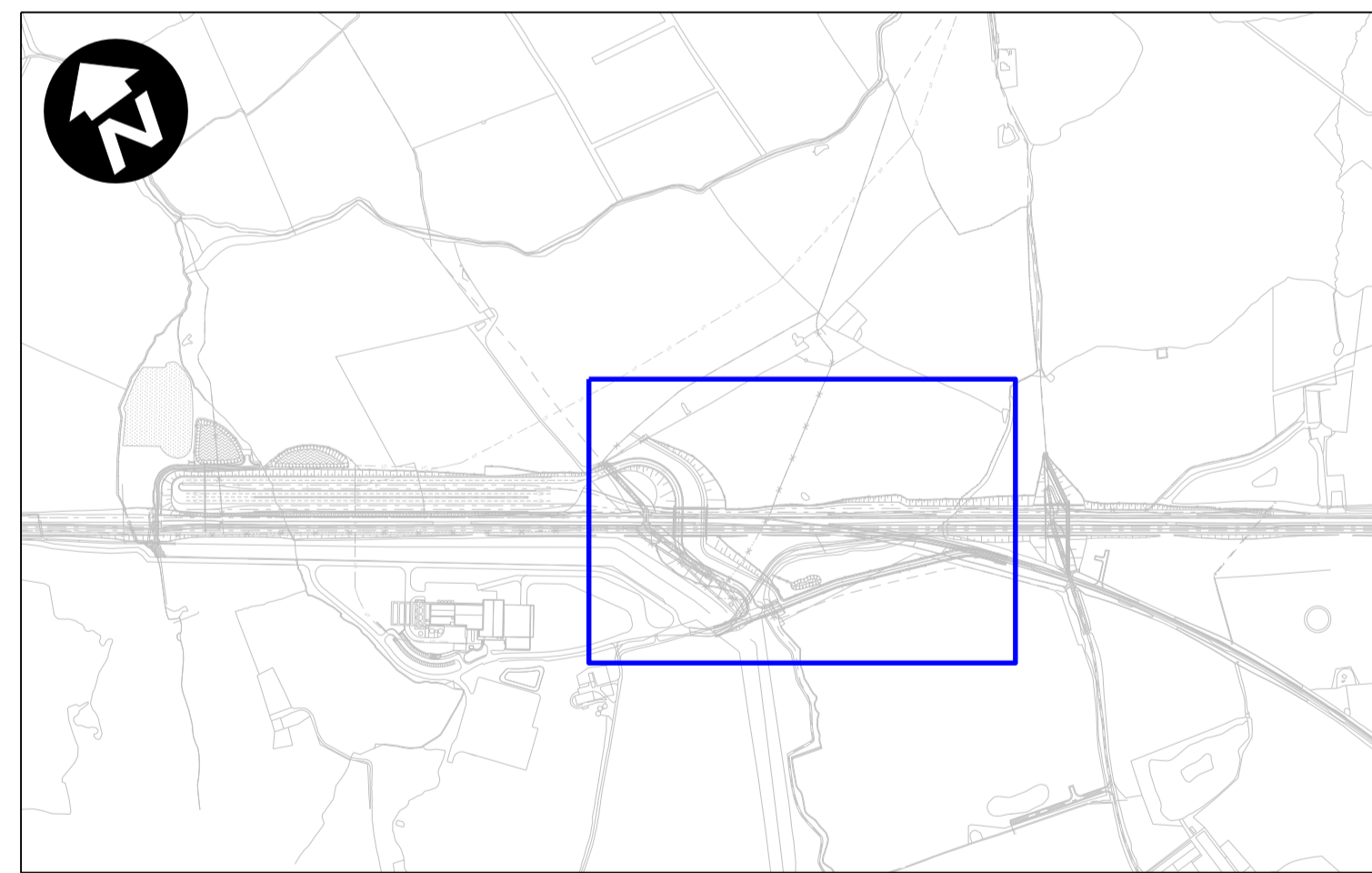


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								Design Stage	Discipline/Function						
								Drawing Title	<table border="1"> <tr> <td>Drawn</td> <td>Checked</td> <td>Approved</td> </tr> <tr> <td>TD</td> <td>MB</td> <td>RP</td> </tr> </table>	Drawn	Checked	Approved	TD	MB	RP
Drawn	Checked	Approved													
TD	MB	RP													
							Highway Plan and Profile Drawing (Sheet 1 of 5) Planning Direction Drawing (Sheet 17 of 21)	<table border="1"> <tr> <td>Date</td> <td>Scale</td> <td>Size</td> </tr> <tr> <td>20/05/2016</td> <td>AS SHOWN</td> <td>A1</td> </tr> </table>	Date	Scale	Size	20/05/2016	AS SHOWN	A1	
Date	Scale	Size													
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Rev	Description	Drawn	Checked	Con App	HS2 App		Drawing No. C222-ATK-HW-DPP-020-000001-TWAO	Rev. P01							

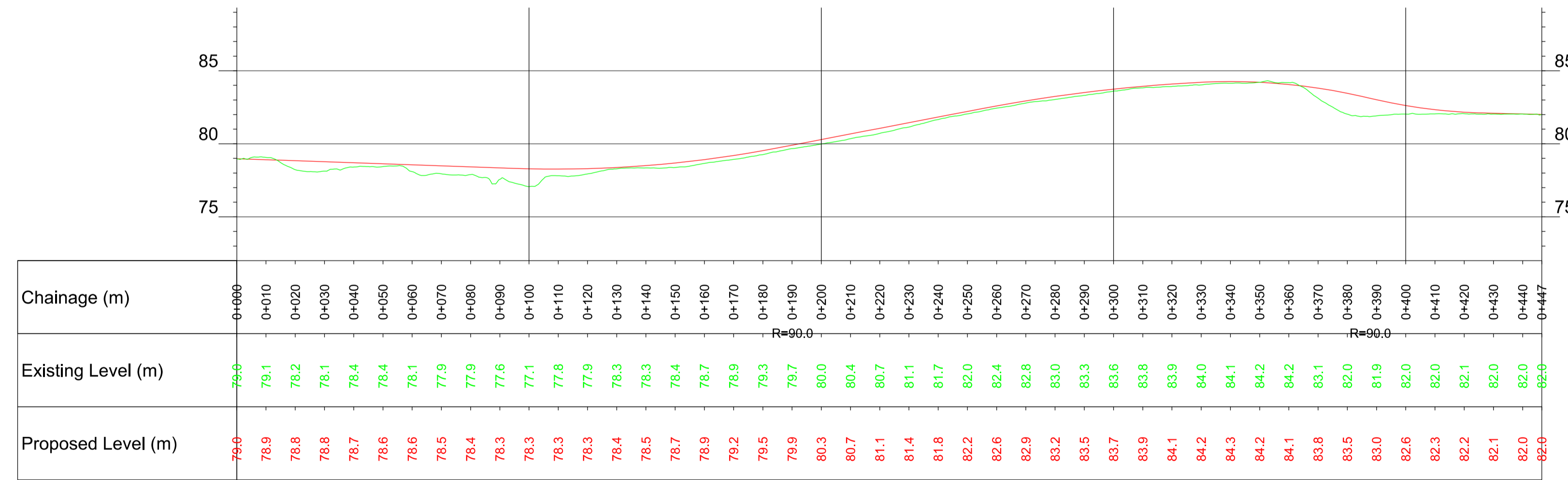
Transport and Works Act 1992  
The High Speed Rail (London - West Midlands) (Greatmoor Railway Sidings Etc.) Order



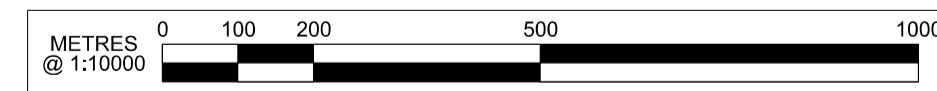
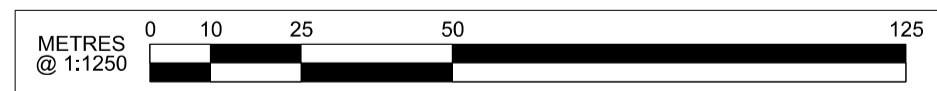
Realigned Greatmoor Road Plan  
Scale 1:1250



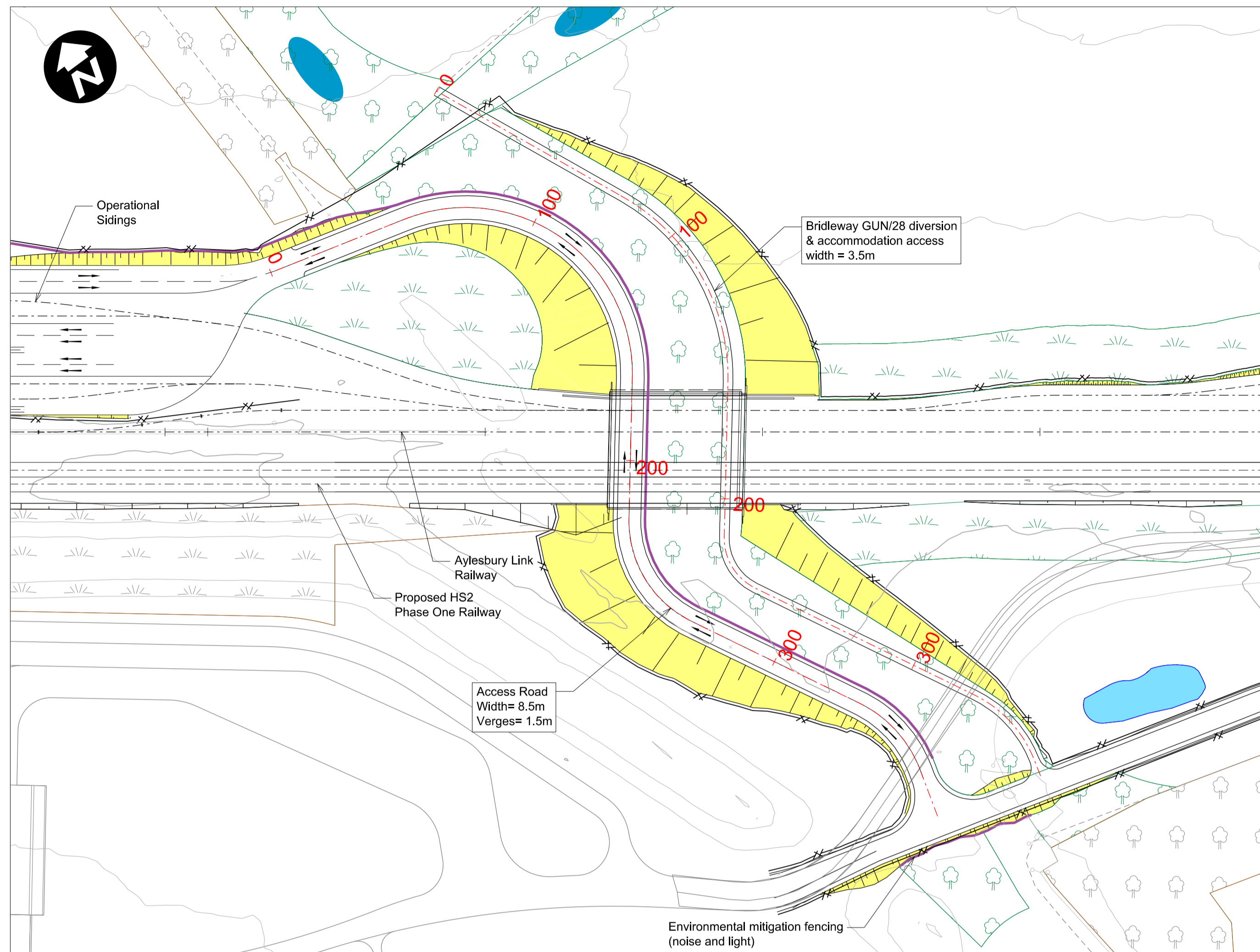
Realigned Greatmoor Road Key Plan  
Scale 1:10000



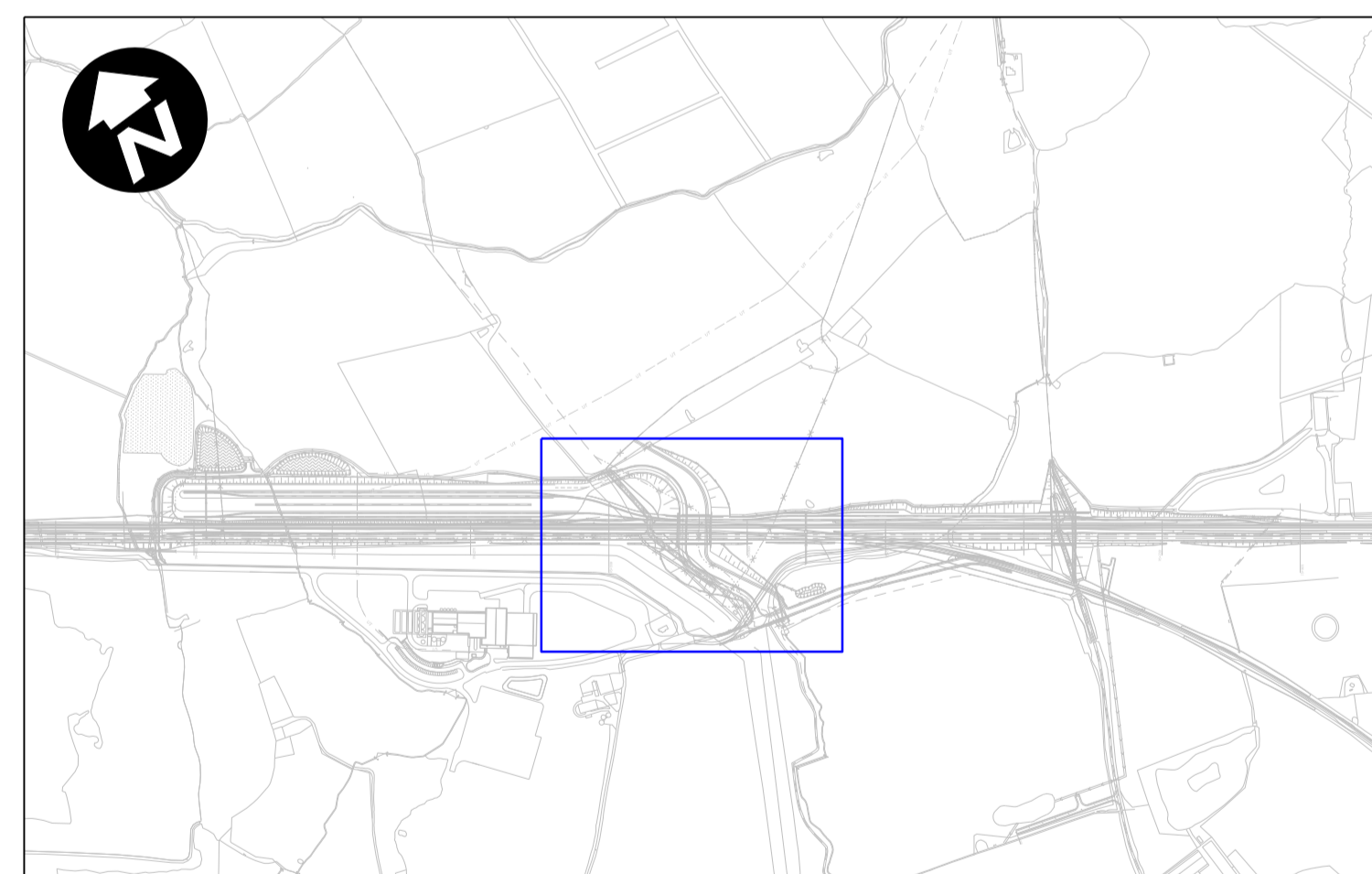
Realigned Greatmoor Road Profile  
Scale H 1:1250 V 1:250



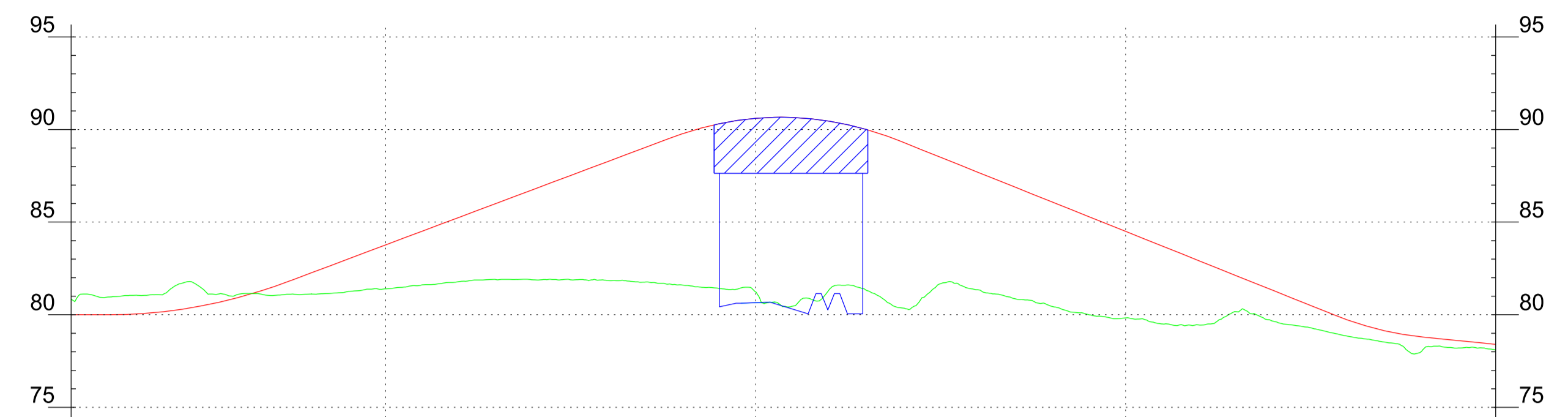
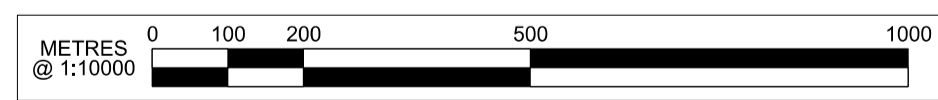
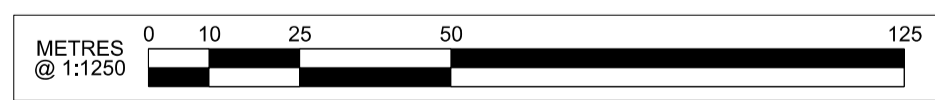
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Drawn	Checked	Approved																			
TD	MB	RP																			
Date	Scale	Size																			
20/05/2016	AS SHOWN	A1																			
Rev	Description	Drawn	Checked	Con App	HS2 App				Rev. P01												



Access Road, Bridleway GUN/28 Diversion and Accommodation Access Plan  
Scale 1:1250

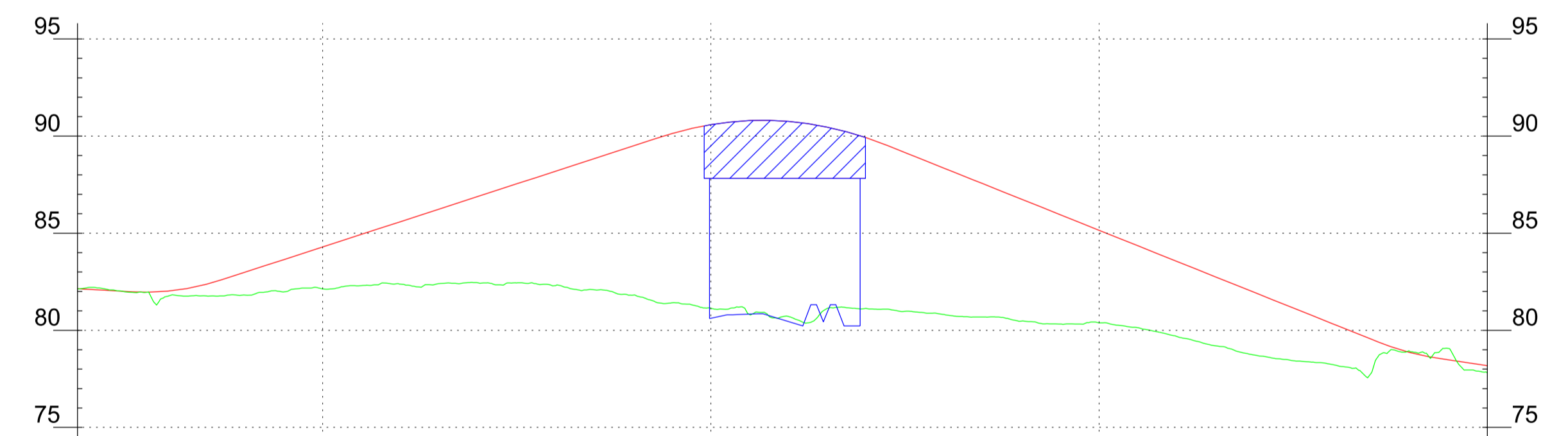


Access Road, Bridleway GUN/28 Diversion and Accommodation Access Key Plan  
Scale 1:10000



Chainage (m)	0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+180	0+200	0+220	0+240	0+260	0+280	0+300	0+320	0+340	0+360	0+380	0+385
Existing Level (m)	80.9 81.1	81.1	81.1	81.1	81.4	81.8	81.9	81.9	81.6	81.2	81.4	80.4	81.3	80.5	79.8	79.4	79.6	78.8	78.0	78.0	76.1
Proposed Level (m)	80.0	80.2	80.9	82.3	83.8	85.3	86.8	88.3	89.8	90.6	90.5	89.3	87.7	86.1	84.5	82.9	81.3	79.7	78.8	78.4	76.4

Access Road Profile  
Scale 1:1250 H, 1:250 V



Chainage (m)	0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+180	0+200	0+220	0+240	0+260	0+280	0+300	0+320	0+340	0+360	0+380	0+385
Existing Level (m)	82.2	81.8	81.8	82.1	82.4	82.4	82.3	81.8	81.1	80.7	81.1	80.8	80.5	80.4	79.7	78.7	78.2	78.9	78.9	77.8	77.8
Proposed Level (m)	82.1	82.0	83.0	84.3	85.6	86.9	88.2	89.5	90.6	90.8	89.9	88.4	86.8	85.2	83.6	82.0	80.4	78.9	78.9	76.2	76.2

Bridleway GUN/28 Diversion and Accommodation Access Profile  
Scale 1:1250 H, 1:250 V

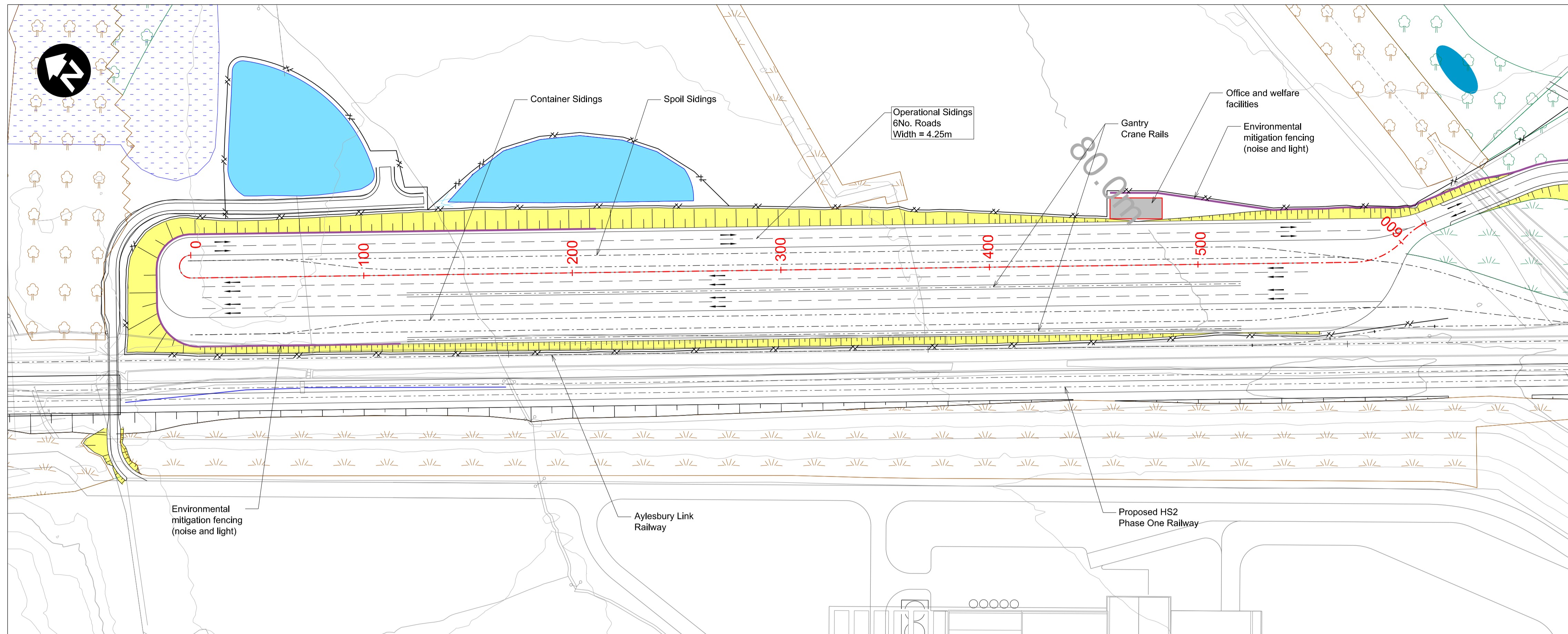
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Rev	Description	Drawn	Checked	Con App	HS2 App

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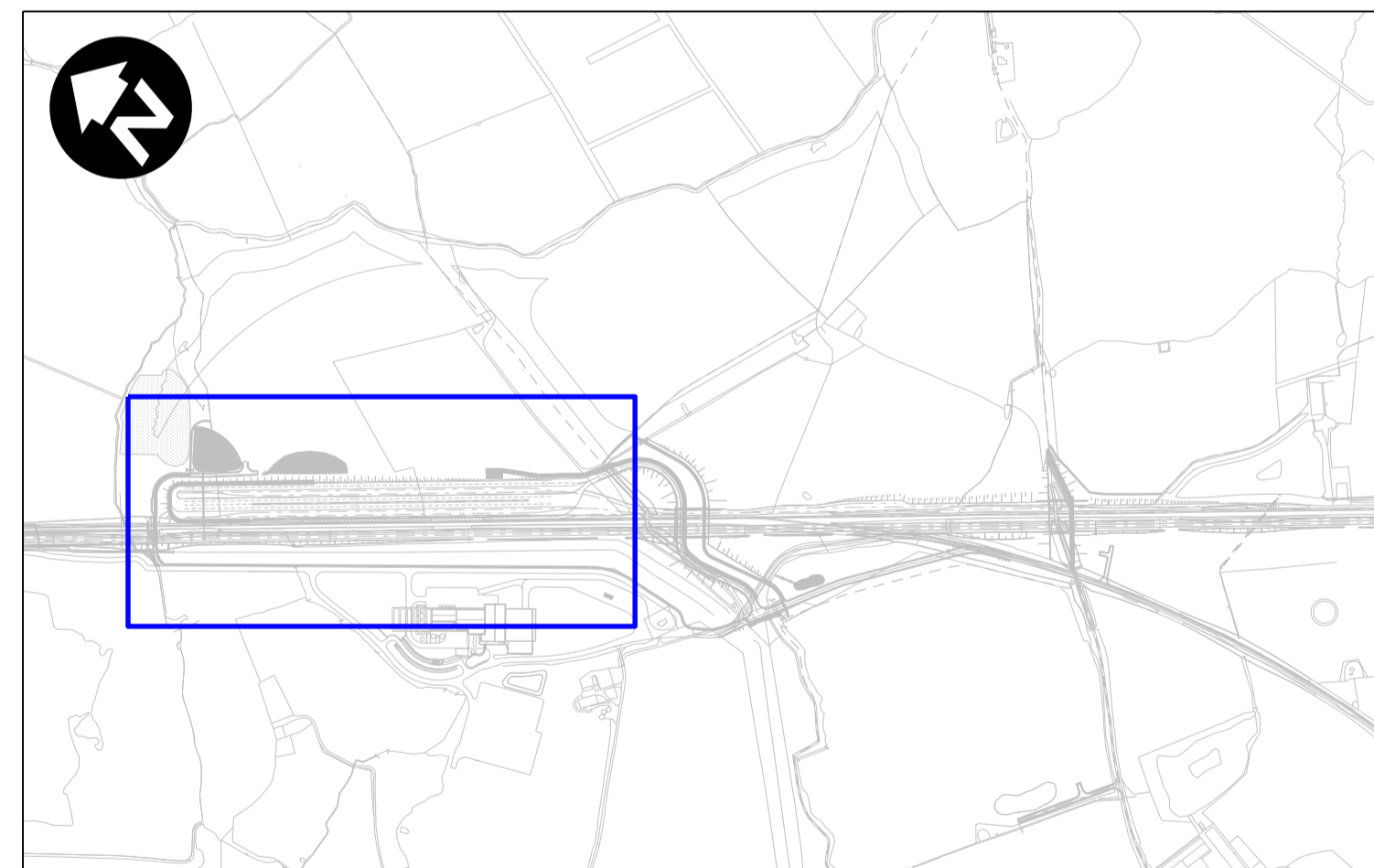
Creator/Organizer  
**Atkins**

Zone	Project/Contract		
Design Stage	Discipline/Function		
Drawing Title Highway Plan and Profile Drawing (Sheet 3 of 5) Planning Direction Drawing (Sheet 19 of 21)	Drawn	Checked	Approved
	TD	MB	RP
Date	Scale	Size	
20/05/2016	AS SHOWN	A1	
Drawing No.	Rev.		
C222-ATK-HW-DPP-020-000003-TWAO	P01		

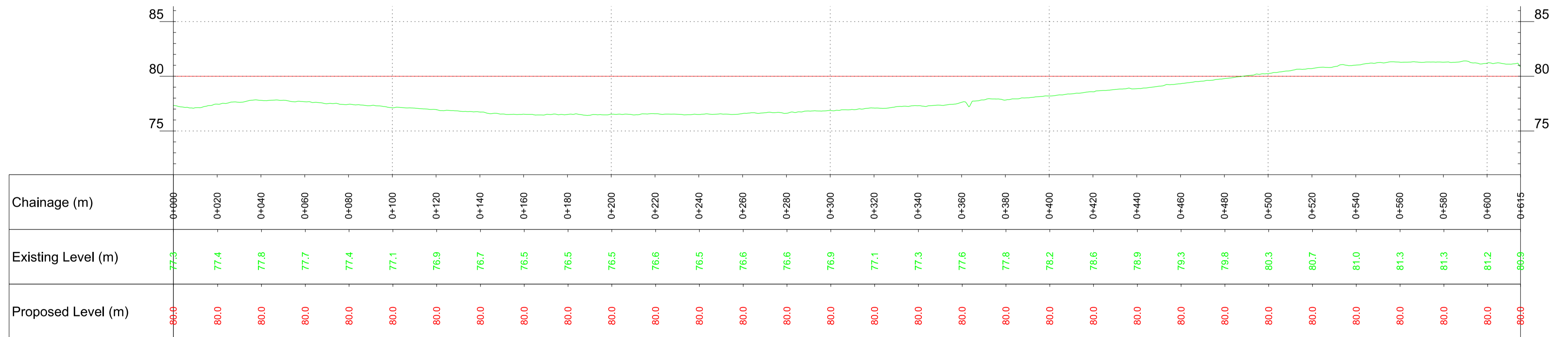
Transport and Works Act 1992  
The High Speed Rail (London - West Midlands) (Greatmoor Railway Sidings Etc.) Order



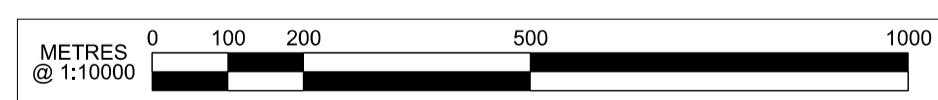
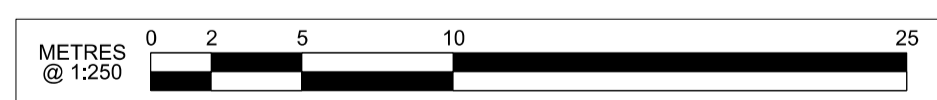
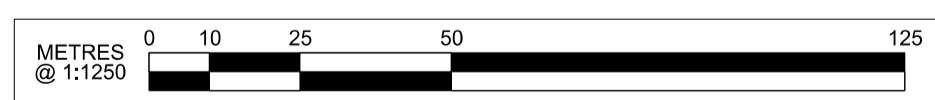
Operational Sidings Plan  
Scale 1:1250



Operational Sidings Key Plan  
Scale 1:10000



Operational Sidings Profile  
Scale 1:1250 H, 1:250 V



P01	First Issue	HMG	MB	RP
		22/07/16	22/07/16	22/07/16
Rev	Description	Drawn	Checked	Con App
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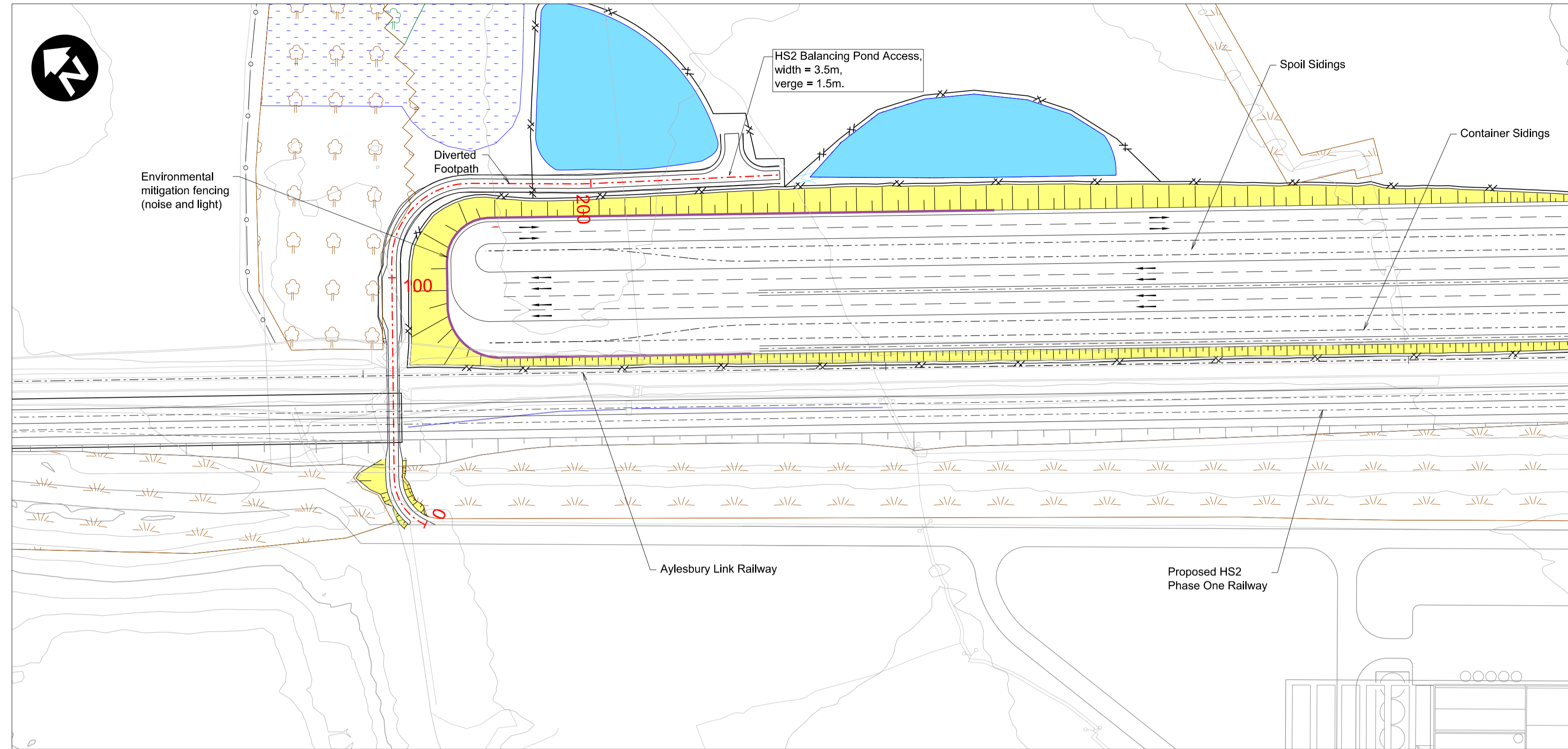
Legends/Notes:  
1. For Legend refer to Drawing No. C222-ATK-HW-DPP-020-00001-TWAO.

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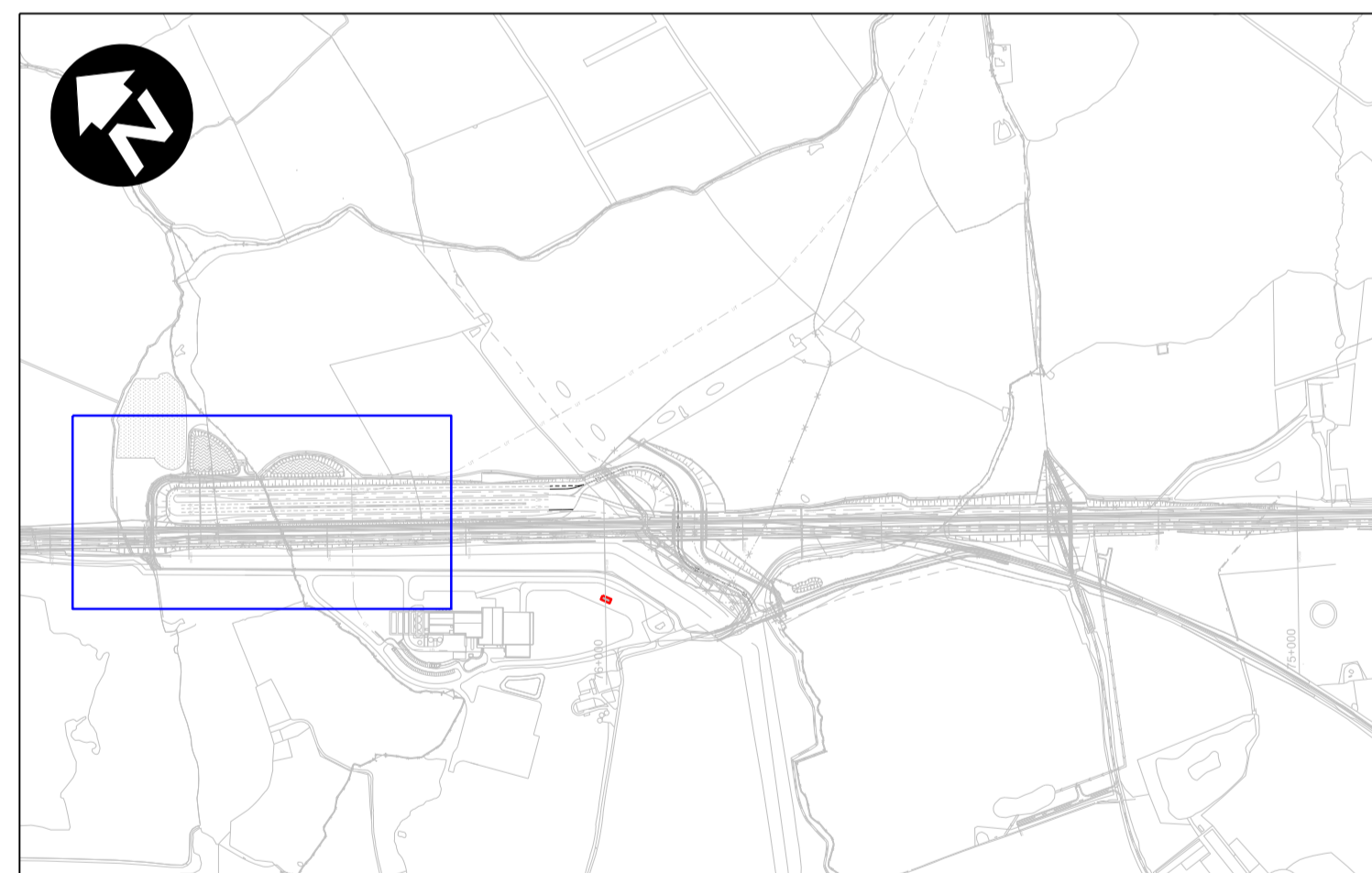
Creator/Originator  
Atkins

Zone	Project/Contract		
Design Stage	Discipline/Function		
Drawing Title	Drawn	Checked	Approved
Highway Plan and Profile Drawing (Sheet 4 of 5)	TD	MB	RP
Planning Direction Drawing (Sheet 20 of 21)	Date	Scale	Size
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Drawing No.	Rev.		
C222-ATK-HW-DPP-020-000004-TWAO	P01		

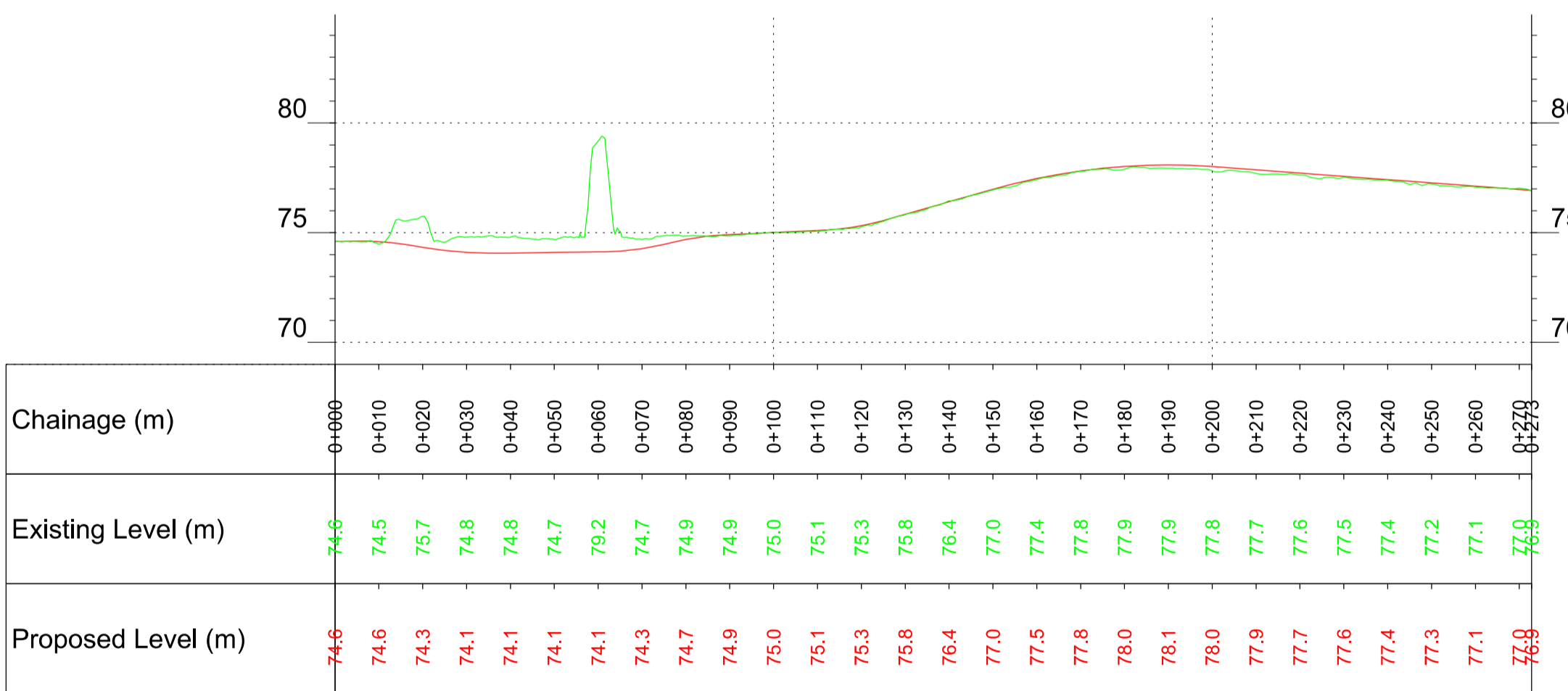
Transport and Works Act 1992  
The High Speed Rail (London - West Midlands) (Greatmoor Railway Sidings Etc.) Order



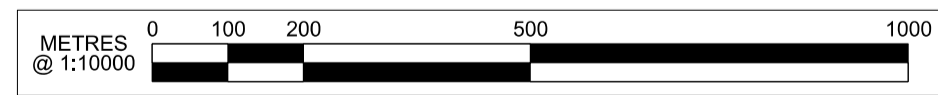
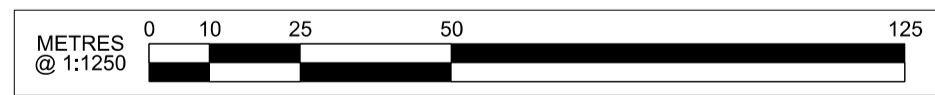
HS2 Balancing Pond Access Plan  
Scale 1:1250



HS2 Balancing Pond Access Key Plan  
Scale 1:10000



HS2 Balancing Pond Access Profile  
Scale 1:1250 H, 1:250 V



Rev	Description	Drawn	Checked	Con App	HS2 App

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Highway Plan and Profile Drawing (Sheet 5 of 5)	TD	MB	RP
Planning Direction Drawing (Sheet 21 of 21)	Date	Scale	Size
	20/05/2016	AS SHOWN	A1
Drawing No.	Rev.		
C222-ATK-HW-DPP-020-000005-TWAO	P01		

Zone	Project/Contract		
Design Stage	Discipline/Function		
Drawing Title	Drawn	Checked	Approved
Highway Plan and Profile Drawing (Sheet 5 of 5)	TD	MB	RP
Planning Direction Drawing (Sheet 21 of 21)	Date	Scale	Size
	20/05/2016	AS SHOWN	A1
Drawing No.	Rev.		
C222-ATK-HW-DPP-020-000005-TWAO	P01		